STATE OF ILLINOIS
Richard B. Ogilvie, *Governor*

1970 Annual Coal, Oil and Gas Report
DEPARTMENT OF MINES AND MINERALS

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STATE OF ILLINOIS
RICHARD B. OGILVIE, *Governor*

Eighty Ninth

COAL REPORT OF ILLINOIS

1970

DEPARTMENT OF MINES AND MINERALS

DAVID L. GULLEY, Director

LEROY ROBINSON, Assistant Director

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LETTER OF TRANSMITTAL

STATE OF ILLINOIS,
DEPARTMENT OF MINES AND MINERALS.

SPRINGFIELD, ILLINOIS, MAY 1, 1971

To His Excellency, Richard B. Ogilvie, Governor
State of Illinois, Springfield.

Sir: In compliance with the Illinois Revised Statutes, I am submitting herewith the Annual Report of the Illinois Department of Mines and Minerals for the year 1970. This report includes production, employment, and casualty figures for underground and surface mines. Also included in this issue is the Annual Report of the Division of Oil and Gas.

Respectfully submitted,

DAVID L. GULLEY, *Director*

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DIVISION OF OIL AND GAS

DIRECTORS OF ILLINOIS—DEPARTMENT OF MINES AND MINERALS

Name	Years served	Address	Remarks
Newsam, Richard	1898-1912	Peoria	
John, Evan D	1917-1919	Spaulding	
Thompson, Joseph C	1919-1920	Johnston City	
Medill, Robert M	1920-1924	Roanoke	
Bolt, Martin	1924-1926	Springfield	
Lewis, A. D	1926-1930	Springfield	
Millhouse, John G	1930-1934	Litchfield	
McSherry, James	1934-1941	DuQuoin	
Medill, Robert M	1941-1947	Roanoke	
Walker, Harold L	April 2 to October 1, 1947	Urbana	
Moses, Thomas	October 1, 1947 to February 20, 1948	Danville	Died in office.
Cruse, Robert R	March 1, 1948 to January 16, 1949	Dowell	
Starks, James W	January 17, 1949 to February 3, 1949	Taylorville	Died in office.
Walker, Harold L	February 8 to April 18, 1949	Urbana	
Eadie, Walter	April 19, 1949 to January 15, 1953	West Frankfort	
Schull, B. H	January 15, 1953 to August 31, 1961	Marion	
Orlandi, W. J	September 1, 1961 to February 14, 1963	Kincaid	
L. Leon Ruff	February 15, 1963 to February 14, 1970	Collinsville	
David L. Gulley	February 15, 1970	Coello	

DEPARTMENT OF MINES AND MINERALS

DAVID L. GULLEY, Director
Phone: 525-6791
Springfield, Illinois

LEROY ROBINSON, Assistant Director
Phone: 525-6792
Springfield, Illinois

MINING BOARD

DAVID L. GULLEY, *Executive Officer,* Springfield, Illinois
ROBERT L. PATE, *Secretary,* R.R. #2, Carrier Mills, Illinois 62917
JOE CRAGGS, P.O. Box #530, Taylorville, Illinois 62568
JOHN W. BOWEN, R.F.D. #3, Box 28, West Frankfort, Illinois 62896
DALE WALKER, Southwestern Ill. Coal Corp., Captain Mine, Percy, Ill. 62272

MINE RESCUE STATIONS

SUPERINTENDENTS, ASSISTANTS AND STATION ADDRESSES

Benton — CHARLES M. WALKER, 503 East Main Street
DuQuoin — JAMES J. JANINI, 512 N. Hickory
Eldorado — BENNIE GIBBS, 1411 Locust Street
Springfield — JAMES LITCHFIELD, 609 Princeton Street

ASSISTANT SUPERINTENDENTS

Benton — CALLIE SIDDENS, 1008 Grayson Street
DuQuoin — SANTO CICARDI, R.R. #1, Pinckneyville, Illinois 62832
Eldorado — FERN CAGLE, 2437 West Locust.
Springfield — MILES STAHL, 1251 North Second Street
FRANK PETREIKIS, 810 North Eighth Street

MINERS' EXAMINING BOARD

BYRD L. RICH, *President,* 631 So. Day, West Frankfort, Illinois 62896
RICHARD W. MOTTERSHAW, *Secretary,* 231 Stoddard, Virden, Illinois 62690
DENNIS MOORE, 811 N. Main Street, Carrier Mills, 62917

METAL MINES INSPECTOR

ARNOLD E. BLACK, R.R. #4, Elizabethtown, Illinois 62931

COAL QUALITY INSPECTORS

DONALD HANEY, 38 Illini Drive, Taylorville, Illinois 62568
DONALD HAFLIGER, 421 East Esther, Taylorville, Illinois 62568

GENERAL OFFICE

Administrative Secretary: EDNA ROACH, 414 East Canedy, Springfield, Illinois
Chief-Clerk: JOSEPH C. TABOR, 1900 Jeanette Lane, Apt. #4, Springfield, Ill.
Account Clerk: MILDRED GLENWRIGHT, 524½ S. Glenwood, Springfield, Illinois
Clerk-Steno III: EVELYN CUMMINGS, P.O. Box 156, Elkhart, Illinois
Clerk-Steno II: KATHLEEN MAGDICH, 711 East First South, Mt. Olive, Illinois
Clerk-Typist II: CHARLENE KNIERIM, 3876 Constant View, Decatur, Illinois

LIST OF STATE MINE INSPECTORS AND COUNTIES COMPRISING THEIR RESPECTIVE DISTRICTS

First District—ARTHUR RIEDLINGER, *Inspector,* 117 Amsler Street, Bartonville, Illinois. Kankakee, Knox, LaSalle, Livingston, Peoria, and Stark.

Second District—JOHN HAMMOND, *Inspector,* Box #109, Rushville, Illinois. Adams, Fulton, Menard, Mercer, Schuyler, Pike, Jo Daviess.

Third District—JAMES I. JAYNE, *Inspector,* Box #662, Cuba, Illinois. Fulton and Peoria.

Fourth District—CHARLES RENSHAW, *Inspector,* 701 South 29th Street, Mt. Vernon, Illinois. Douglas, Jefferson and Vermilion.

Fifth District—ALBERT MORRIS, *Inspector,* 807 West Elm Street, Taylorville, Illinois. Christian and Macoupin.

Sixth District—WILLIAM O. JOHNSTON, *Inspector,* 205 South Victor, Christopher, Illinois. St. Clair.

Seventh District—MARTIN O. BARBER, *Inspector,* P.O. Box #94, Johnston City, Illinois. Gallatin and Saline.

Eighth District—GEORGE T. WILLIAMS, *Inspector,* 702 West Jones Street, West Frankfort, Illinois. Franklin, Jackson, Perry and Randolph.

Ninth District—EDMUND GREZLAK, *Inspector,* 207 South Main Street, Zeigler, Illinois. Franklin, Jackson and Williamson.

Tenth District—ARTHUR J. WILLIAMS, *Inspector,* 715 Susan Esther, Benton, Illinois. Franklin, Monroe and Randolph.

Eleventh District—JAMES KOLISEK, *Inspector,* 410 Bond Street, Benton, Illinois. Franklin, Perry, Saline and Williamson.

Twelfth District—THEODORE PLUMLEE, *Inspector,* R.F.D. #3 —Box #29, West Frankfort, Illinois. Pope, Saline and Williamson.

Thirteenth District—JOHN MORTHLAND, *Inspector,* 606 South Monroe Street, West Frankfort, Illinois. Jackson , Jefferson and Williamson.

Fourteenth District—ROBERT JONES, *Inspector,* 617 North Madison, Benton, Illinois. Jefferson, Perry and St. Clair.

Fifteenth District—JOHN ROMINE, *Inspector,* 606 South Monroe Street, West Frankfort, Illinois. Jefferson, Jackson and Williamson.

Sixteenth—C. DAYTON McREAKEN, *State-Inspector-at-Large,* 106 West Lindell, West Frankfort, Illinois.

Seventeenth—RUSSELL SPITZNER, *Inspector,* 1201 North Garfield, Marion, Illinois. Johnson, Pope, Saline and Williamson.

Eighteenth—JAMES L. WHITE, *Inspector,* 801 Kimball, Hillsboro, Illinois. Macoupin and Montgomery.

Metal Mine Inspector—ARNOLD BLACK, R.F.D. #4, Elizabethtown, Illinois. Hardin and Pope.

I *General*

I GENERAL—TABLE 1—DIRECTORY

No.	Name of Operator	County	Post Office	General Superintendent
1	Ayrshire Coal Co., Inc., Delta Div. A.M.A.X.	Williamson	Marion	J.F. Megenhardt
2	Ayrshire Coal Co., Inc., Harmattan Div. of AMAX	Vermilion	Danville	R.C. Dallas
3	Ayrshire Coal Co., Inc., Sun-Spot Div. of AMAX	Fulton	Vermont	Clyde Dallas
4	Barbara Kay Coal, Inc.	Williamson	Marion	Leon King
5	Bell & Zoller Coal Co., #4	Williamson	Johnston City	Gilbert Engram
6	Belle Valley Coal Co., Inc.	St. Clair	Belleville	
7	Big Ridge Coal Co.	Saline	Harrisburg	Bert Chamness
8	Cold Water Coal Company	Williamson	Herrin	R. Prewitt
9	E & L Coal Co.	Pope	Marion	Elvis Waldron
10	Eads Coal Company	Jefferson	Belle-Rive	John Heatherly
11	Deep Valley Coal Co.	Vermilion	Danville	Harvey B. Mauck
12	Forsyth-Energy, Inc., Energy Mine	Williamson	Herrin	
13	Freeman Coal Mining Corp., #3	Jefferson	Waltonville	M.V.Harrell
14	Freeman Coal Mining Corp., #4	Williamson	Marion	Buddy Morris
15	Freeman Coal Mining Corp., #5	Franklin	West Frankfort	M.V. Harrell
16	Freeman Coal Mining Corp., #6	Jefferson	Waltonville	M.V. Harrell
17	Freeman Coal Mining Corp., Crown	Montgomery	Farmersville	M.V. Harrell
18	Harrisburg Coal Co., #1	Williamson	Marion	Arlie King
19	Hazel Dell Coal Corp.	Mercer	New Windsor	Dale L. Johnson
20	Holly Mining Corp.	Johnson	Des Plains	C. Hallett
21	Houston Coal Co., #2	Saline	Carrier Mills	
22	Inland Steel Co.	Jefferson	Sesser	E.H. Roberts
23	Monterey Coal Co., Monterey #1	Macoupin	Carlinville	H.C. Morton
24	Mt. Zion Mng. Corp., #1	Pope	Marion	Leon B. Stilley
25	Moffat Coal Co., Murdock Mine	Douglas	Murdock	Gilbert Engram
26	New Burnside Coal Co.	Johnson	Christopher	Nobel Starnes
27	Old Ben Coal Corp., #21	Franklin	Sesser	A.J. Webster
28	Old Ben Coal Corp., #24	Franklin	Benton	A.J. Webster
29	Old Ben Coal Corp., #26	Franklin	Sesser	A.J. Webster
30	Peabody Coal Co., #10	Christian	Pawnee	Joseph Craggs
31	* Peabody Coal Co., Allendale	Stark	Wyoming	
32	* Peabody Coal Co., Bright Star (Pit #2)	Fulton	Fairview	Charles German
33	Peabody Coal Co., Eagle #1 Strip	Gallatin	Shawneetown	Jim McDowell
34	Peabody Coal Co., Eagle #1 U.G.	Gallatin	Shawneetown	James R. Stunson
35	Peabody Coal Co., Eagle #2 U.G.	Gallatin	Shawneetown	James R. Stunson
36	* Peabody Coal Co., Edwards	Peoria	Edwards	Jim McDowell
37	* Peabody Coal Co., Elm, Pit #1	Peoria	Trivoli	Charles German
38	* Peabody Coal Co., Mecco	Knox	Victoria	Charles German
39	Peabody Coal Co., Midwest Strip	St. Clair	Millstadt	James McDowell
40	Peabody Coal Co., Midwest Hi Wall #2	St. Clair	Millstadt	James R. Stunson
41	Peabody Coal Co., Midwest Hi Wall #3	St. Clair	Millstadt	James R. Stunson
42	Peabody Coal Co., Northern	Kankakee	So. Wilmington	James P. McDowell
43	Peabody Coal Co., River King	St. Clair	Freeburg	James McDowell
44	Peabody Coal Co., River King #1	St. Clair	Freeburg	J. R. Stunson
45	Peabody Coal Co., Will Scarlet	Williamson	Stonefort	J. P. McDowell
46	Royal Mining Co.	Jackson	Carterville	Kenneth Storme
47	Sahara Coal Co., Inc. #5	Saline	Harrisburg	J.A. Bottomley
48	Sahara Coal Co., Inc. #6	Saline	Harrisburg	J.A. Bottomley
49	Sahara Coal Co., Inc. #16	Saline	Harrisburg	J.A. Bottomley
50	Sahara Coal Co., Inc. #20	Saline	Harrisburg	J.A. Bottomley
51	Southwestern Ill. Coal Corp., Streamline	Randolph	Percy	Dale Walker
52	Southwestern Ill. Coal Corp., Captain	Perry	Percy	Dale Walker
53	Tab Mining Co., Inc., #1	Jackson	Carbondale	John Wible
54	Truax-Traer Coal Co., Div. Consolidation Coal Co., #2	Perry	DuQuoin	J.H. Schmidt
55	Truax-Traer Coal Co., Div. Consolidation Coal Co., #3	Randolph	Sparta	
56	Truax-Traer Coal Co., Div. Consolidation Coal Co., Hillsboro	Montgomery	Coffeen	M.A. Williams
57	Truax-Traer Coal Co., Div. Consolidation Coal Co., Norris	Fulton	Norris	Charles E. Bond
58	United Electric Coal Cos., #9	Fulton	Cuba	R.F. Donaldson
59	United Electric Coal Co., #11	Perry	DuQuoin	R.F. Donaldson
60	United Electric Coal Cos. #17	Fulton	Canton	R.F. Donaldson
61	United Electric Coal Cos., #27	Peoria	Glasford	R.F. Donaldson
62	V-Day Coal Co.	Vermilion	Danville	K.L. Zamberletti
63	Viola Materials, Inc., #1	Mercer	Viola	
64	Zeigler Coal & Coke Co., Spartan	Randolph	Sparta	Gilbert Engram

* Name changed to Midland Coal Company Division of Asarco November 23, 1970

OF MINES—1970

Supt. of Mine	Local Mine Manager	Address of Main Office of Company	No.
F.R. Schroder		105 S. Meridian St., Indianapolis, Ind. 46225	1
D. Montague		105 S. Meridian St., Indianapolis, Ind. 46225	2
George E. Martin		105 S. Meridian St., Indianapolis, Ind. 46225	3
Thomas Horn	Raymond L. Wilkins	P.O. Box 397, Marion, Ill. 62959	4
Guy Robinson	George Earl	208 S. LaSalle St., Chicago, Ill. 60604	5
Ed Williamson	Joe Micheletto	R.R. #1, Belleville, Ill. 62220	6
	Asa Lee	P.O. Box C, Carterville, Ill. 62918	7
		904 North 12th, Herrin, Ill. 62948	8
Elvis Waldron	Elvis Waldron	1513 N. State St., Marion, Ill. 62959	9
John Heatherly	John Heatherly	Arch Mineral Corp. 400 Mansion House Center, St. Louis, Mo. 63102	10
	Wayne Robson	1107 N. Logan Ave., Danville, Ill. 61832	11
William Eveland		20 S. Central Ave., Clayton, Mo. 63915	12
Virgil Robinson	Pete M. Helmer	307 N. Michigan Ave., Chicago, Ill. 60601	13
Benjamin N. Kincer	Wayne Hankins	307 N. Michigan Ave., Chicago, Ill. 60601	14
Clifford Frye	Ralph Roach	307 N. Michigan Ave., Chicago, Ill. 60601	15
Frank Padavic	Gene Hagston	307 N. Michigan Ave., Chicago, Ill. 60601	16
Bernard Burke	John Carney	307 N. Michigan Ave., Chicago, Ill. 60601	17
LaVern King	Andrew Jones	P.O. Box 27, Rt. #3, Marion, Ill. 62959	18
Dale L. Johnson	Dale L. Johnson	New Windsor, Ill. 61456	19
C. Hallett		2720 Des Plains Ave., Des Plaines, Ill. 60018	20
Robert L. Houston	Charles H. Houston	R. #5, Marion, Illinois 62959	21
	D.E. Jones	Box 566, Sesser, Illinois 62884	22
D.L. Gilmartin	A.B. Floyd	P.O. Box #86, Carlinville, Ill. 62626	23
Rue Densih	Rue Densih	2720 N. Des Plains Ave., Des Plains, Ill. 60018	24
Clyde Mandrell	Joe Zaborac	208 S. LaSalle St., Chicago, Ill. 60604	25
Al Acosta		Drawer 159, Christopher, Ill. 62822	26
Fard Bain	Stanley Cavinder	10 S. Riverside Plaza, Chicago, Ill. 60606	27
Bill Scott	John Baker	10 S. Riverside Plaza, Chicago, Ill. 60606	28
W.D. Frailey	Tom McCormick	10 S. Riverside Plaza, Chicago, Ill. 60606	29
Coil Whitlow	Gene Taglioli	301 N. Memorial Dr., St. Louis, Mo. 63102	30
R.W. Edwards		301 N. Memorial Dr., St. Louis, Mo. 63102	31
Max Wasson		301 N. Memorial Dr., St. Louis, Mo. 63102	32
Robert Hoffman	Jim McDowell	301 N. Memorial Dr., St. Louis, Mo. 63102	33
Roger Knickerbocker	Darold N. Gamblin	301 N. Memorial Dr., St. Louis, Mo. 63102	34
Tony Shimkus	John C. Alexander	301 N. Memorial Dr., St. Louis, Mo. 63102	35
Argle Marshall		301 N. Memorial Dr., St. Louis, Mo. 63102	36
H.W. Jeffers		301 N. Memorial Dr., St. Louis, Mo. 63102	37
Eugene Band		301 N. Memorial Dr., St. Louis, Mo. 63102	38
Warren A. Trotter		301 N. Memorial Dr., St. Louis, Mo. 63102	39
Arthur Ward		301 N. Memorial Dr., St. Louis, Mo. 63102	40
Arthur Ward		301 N. Memorial Dr., St. Louis, Mo. 63102	41
Howard E. Herzog	Howard E. Herzog	301 N. Memorial Dr., St. Louis, Mo. 63102	42
Jerry McDowell		301 N. Memorial Dr., St. Louis, Mo. 63102	43
Ramon Gathard	Charles Moake	301 N. Memorial Dr., St. Louis, Mo. 63102	44
Ron Snider		301 N. Memorial Dr., St. Louis, Mo. 63102	45
	Jack Pruitt	Rt. #2, Caterville, Ill. 62918	46
Carl Griffiths	Harold Hancock	59 E. Van Buren, Chicago, Ill. 60605	47
Douglas Ewell	Douglas Ewell	59 E. Van Buren, Chicago, Ill. 60605	48
Charles Boyd	John Lane	59 E. Van Buren, Chicago, Ill. 60605	49
Tom Goldman	James Hill	59 E. Van Buren, Chicago, Ill. 60605	50
Laddie Green		1514 Merchants Bank Bldg., Indianapolis, Ind. 46204	51
Donald McCaw	Jim Thomas	1514 Merchants Bank Bldg., Indianapolis, Ind. 46204	52
		Box 1168, Carbondale, Ill. 62901	53
Gene Rand		P.O. Box 218, Pinckneyville, Ill. 62274	54
Mike Naccarato		P.O. Box 218, Pinckneyville, Ill. 62274	55
T.E. Caveney	R.H. Wallace	P.O. Box 218, Pinckneyville, Ill. 62274	56
Larry A Fitch		P.O. Box 218, Pinckneyville, Ill. 62274	57
R.S. McAdams		307 N. Michigan Ave., Chicago, Ill. 60601	58
James F. Reid	James F. Reid	307 N. Michigan Ave., Chicago, Ill. 60601	59
R.D. Campbell		307 N. Michigan Ave., Chicago, Ill. 60601	60
A. H. Seeling		307 N. Michigan Ave., Chicago, Ill. 60601	61
K.L. Zamberletti	William G. Urtou	R.R. #1, Danville, Ill. 61835	62
Larry W. Brown		Box #416, Viola, Ill. 61486	63
Matt Pigford	William H. Jones	208 S. LaSalle St., Chicago, Ill. 60690	64

I GENERAL—TABLE 2

GENERAL STATEMENT WITH COMPARATIVE FIGURES—1966-1970

	1970	1969	1968	1967	1966
COUNTIES AND MINES					
Number of counties producing coal	22	22	23	24	25
Number of mines operated	64	62	69	77	84
Number of underground mines	29	28	36	33	36
Number of strip mines	35	34	33	44	48
OUTPUT IN TONS					
All mines	64,884,103	64,832,584	62,143,076	64,814,771	63,212,697
Underground mines	31,615,570	30,172,627	26,084,430	27,650,000	27,132,171
Strip mines	33,268,533	34,659,957	36,058,646	37,164,771	36,080,526
DISPOSITION					
Tons handled by railroads	47,398,725	45,828,624	45,726,936	50,998,381	52,726,567
Tons loaded on barge for shipment	8,103,490	8,636,585	5,149,405	4,907,573	3,498,421
Tons disposed of otherwise	9,381,888	10,367,375	11,266,735	8,909,357	6,987,709
EMPLOYEES					
Underground mines	6,785	5,944	6,028	5,392	5,566
Strip mines	3,429	3,647	3,510	3,413	3,428
All mines	10,214	9,591	9,538	8,805	8,994
AVERAGE DAYS WORKED					
Underground mines	216	211	163	195	188
Strip mines	198	202	224	190	174
All mines	206	206	192	192	180
MINING METHOD					
Number of mining machines in use	53	51	60	61	70
Tons mined by machine	31,615,570	30,172,627	26,084,430	27,650,000	27,132,171
Tons mined by stripping	33,268,533	34,659,957	36,058,646	37,164,771	36,080,526
LOADING					
Number of mechanical loaders in use	63	74	81	83	81
Continuous mining machines in use	96	77	63	56	63
Tons loaded mechanically	31,612,749	30,169,400	26,081,079	27,647,178	25,554,567
Tons loaded by hand	2,821	3,227	3,351	2,822	6,341
EXPLOSIVES					
Pounds of explosives used for blasting overburden	69,023,993	70,053,593	53,989,104	57,068,823	51,533,024
Pounds of pellet powder used	40,000	....	....	175	1,100
Pounds of dynamite used	564,040	1,726,360	252,429	392,274	553,025
Pounds of permissible used	934,413	1,753,620	1,962,550	1,890,880	926,650
HAULAGE					
Number of motors used in underground haulage	49	78	90	95	98
Number of animals underground	....	....	....	....	3
CASUALTY					
Number of fatal accidents	15	12	15	20	9
Number of non-fatal accidents	618	521	494	524	474
Tons mined to one man killed	4,325,607	5,402,715	4,142,872	3,240,739	7,023,633
Tons mined to one man injured	104,990	124,439	125,796	123,692	133,360
Number employed to one man killed	681	799	636	440	999
Number employed to one man injured	17	18	19	17	19
MISCELLANEOUS					
Number of mines using closed lights	29	28	36	33	36
Number of mines using compressed air machines	13	15	19	19	22
Number of mines using Continuous Miner	19	16	13	8	11

II PRODUCTION—TABLE 3—AVERAGE MAN-DAY PRODUCTION—ALL MINES

County	Reports Tabulated	Man-Days	Tons Mined	Percent of Mines Reported	Average Tons Per Man-Day
CHRISTIAN					
Underground Mines	1	212,139	4,899,783	100%	23.0
Strip Mines					
DOUGLAS					
Underground Mines	1	45,520	1,140,162	100%	25.0
Strip Mines					
FRANKLIN					
Underground Mines	4	305,961	8,324,034	100%	27.2
Strip Mines					
FULTON					
Underground Mines					
Strip Mines	5	219,179	6,080,343	100%	27.7
GALLATIN					
Underground Mines	2	160,696	2,149,259	100%	13.4
Strip Mines	1	35,400	749,481	100%	21.2
JACKSON					
Underground Mines					
Strip Mines	2	1,694	134,486	100%	79.4
JEFFERSON					
Underground Mines	3	318,691	6,394,612	100%	20.2
Strip Mines	1	372	48,000	100%	12.9
JOHNSON					
Underground Mines					
Strip Mines	2	420	4,016	100%	9.6
KANKAKEE					
Underground Mines					
Strip Mines	1	47,533	976,019	100%	20.5
KNOX					
Underground Mines					
Strip Mines	1	37,206	1,675,974	100%	45.0
MACOUPIN					
Underground Mines	1	15,542	261,563	100%	16.8
Strip Mines					
MERCER					
Underground Mines	1	1,539	35,613	100%	23
Strip Mines	1	56	6,057	100%	108
MONTGOMERY					
Underground Mines	2	150,414	2,732,223	100%	18.2
Strip Mines					
PEORIA					
Underground mines					
Strip Mines	3	136,726	2,698,913	100%	19.7
PERRY					
Underground Mines					
Strip Mines	3	180,042	8,389,306	100%	46.6
POPE					
Underground Mines					
Strip Mines	2	1,067	11,968	100%	11.0
RANDOLPH					
Underground Mines	1	43,453	827,459	100%	19
Strip Mines	2	79,935	2,773,404	100%	34.7
ST. CLAIR					
Underground Mines	4	74,536	825,334	100%	10.7
Strip Mines	2	134,229	5,348,524	100%	39.8
SALINE					
Underground Mines	3	112,291	1,519,116	100%	13.5
Strip Mines	3	40,106	901,039	100%	22.5
STARK					
Underground Mines					
Strip Mines	1	26,228	727,568	100%	27.7
VERMILION					
Underground Mines	2	6,060	65,098	100%	10.7
Strip Mines	1	6,750	184,873	100%	27.4
WILLIAMSON					
Underground Mines	4	143,900	2,441,314	100%	17.0
Strip Mines	4	80,394	2,558,562	100%	31.8

MINES SUSPENDING OPERATIONS DURING 1970 SHOWING MONTH OF LAST OPERATION

Mine Index No.	Operator	County	Month of last operation
L-239	Richards Coal Company Pit #2	Fulton	January
L-2	Mt. Zion Mining Corporation #1	Pope	November

MINES ABANDONED DURING 1970 SHOWING MONTH OF LAST OPERATION

Mine Index No.	Operator	County	Month of last operation
S-61	Ayrshire Coal Co., Inc., Harmattan, Div. AMAX	Vermilion	April
L-70	Belle Valley Coal Company	St. Clair	May
L-9	Holly Mining Corporation	Johnson	August
S-96	Peabody Coal Co., Midwest Hi-Wall #2	St. Clair	May

NEW MINES OPENED—1970

Mine Index No.	Operator	County	Month Mine Opened
S-9	Ayrshire Coal Co., Leahy Mine, Division AMAX	Jackson	July
L-128	Big Ridge Coal Company	Saline	January
L-129	Brown Brothers Excavating	Saline	October
L-254	Cold Water Coal Company	Williamson	November
L-11	Duke Mining & Machinery Co., Red Fox Mine	Randolph	November
L-3	E & L Coal Company	Pope	June
S-7	Eads Coal Company	Jefferson	November
L-9	Holly Mining Corporation	Johnson	July
S-19	Monterey Coal Co., Mine #1	Macoupin	July
S-57	Sahara Coal Co., #21	Saline	April

NAME CHANGES DURING 1970

Mine Index No.	Former Name of Company	County	Present Name of Company	Month Name Changed
L-2	Albrecht Excavating Mine #1	Pope	Mt. Zion Mining Corp., #1	June
S-1	Peabody Coal Co. Allendale Mine	Stark	Midland Coal Co. Div. Asarco-Allendale	November
S-40	Peabody Coal Co. Bright Star Mine	Fulton	Midland Coal Co., Div. Asarco-Elm #2	November
L-150	Peabody Coal Co. Edwards Mine	Peoria	Midland Coal Co., Div. Asarco-Edwards Mine	November
S-4	Peabody Coal Co. Elm Mine	Peoria	Midland Coal Co. Div. Asarco-Elm #1	November
S-4	Peabody Coal Co. Mecco Mine	Knox	Midland Coal Co. Div. Asarco-Mecco Mine	November

II *Production*

II PRODUCTION—TABLE 4—OUTPUT OF SHIPPING MINES BY MONTHS—1965-1968 ALL MINES—1969-1970

Months	1965	1966	1967	1968	1969	1970
January	4,450,854	4,834,310	5,263,614	5,222,196	5,368,472	5,477,033
February	4,266,561	4,471,223	4,876,129	5,061,249	5,294,834	5,425,055
March	5,131,665	5,234,920	5,641,346	5,159,998	5,711,902	5,808,677
April	4,460,325	4,537,566	4,975,839	5,241,091	5,334,370	5,455,750
May	4,436,277	4,875,371	5,423,501	5,093,471	5,782,223	5,161,685
June	4,620,447	4,560,748	4,817,646	4,310,539	4,891,092	4,809,562
July	3,463,072	3,616,902	4,111,122	4,630,767	3,684,698	4,447,015
August	4,696,021	5,521,892	5,239,740	5,267,343	5,656,012	5,463,167
September	4,737,486	5,202,639	4,833,222	4,939,876	5,459,082	5,591,627
October	4,984,595	5,445,522	5,222,538	4,094,002	6,189,806	5,769,822
November	4,975,368	5,369,627	5,321,067	4,610,368	5,419,378	5,348,570
December	5,229,459	5,501,233	4,762,757	4,039,771	6,040,715	6,126,140
TOTAL	55,452,130	59,261,953	60,488,521	57,670,671	64,832,584	64,884,103

II PRODUCTION—TABLE 5—NUMBER OF SHIPPING MINES OPERATED AND AVERAGE DAYS WORKED EACH MONTH—1965-1968, ALL-MINES—1969-1970

Months	1965		1966		1967		1968		1969		1970	
	Mines	Days	Mines	Days	Mines	Days	Mines	Days	Mines	Days	Mines	Days
January	56	19	48	20	46	21	45	22	53	21	54	21
February	55	18	48	19	46	20	45	20	56	18	54	19
March	55	21	48	21	46	22	44	20	58	21	54	21
April	54	18	46	19	47	20	45	19	56	18	53	20
May	53	17	46	20	46	21	42	19	54	20	54	19
June	53	19	47	19	46	18	40	16	54	18	54	19
July	54	15	48	15	46	16	42	18	50	16	53	18
August	53	20	46	22	46	21	42	21	50	21	55	17
September	53	19	46	21	46	20	40	20	53	21	56	20
October	52	21	46	21	47	22	41	17	51	23	56	21
November	52	21	48	21	47	21	41	19	53	19	61	18
December	53	21	47	21	46	19	39	18	54	21	59	21

II PRODUCTION—TABLE 6—RELATIVE RANK OF COUNTIES PRODUCING 500,000 TONS OR MORE—1966-1970

County	RANK	1970	RANK	1969	RANK	1968	RANK	1967	RANK	1966
Perry	1	8,389,306	1	8,907,937	1	9,108,725	1	9,321,683	1	8,671,000
Franklin	2	8,324,034	2	8,558,322	4	7,075,440	3	7,577,422	3	7,598,406
Jefferson	3	6,442,612	6	4,661,242	8	3,184,034	9	3,031,159	9	2,767,835
St. Clair	4	6,173,858	4	5,791,826	3	7,097,115	4	6,831,244	5	6,114,034
Fulton	5	6,080,343	3	6,130,908	2	7,281,188	2	8,044,017	2	8,512,881
Williamson	6	4,999,876	7	4,640,854	6	5,218,263	5	6,714,704	4	6,901,929
Christian	7	4,899,783	5	5,415,880	5	5,329,521	6	5,700,014	6	5,635,573
Randolph	8	3,600,863	8	3,845,031	7	3,955,797	7	4,414,898	7	3,858,353
Gallatin	9	2,898,740	12	2,621,906	13	1,036,536	..	....	..	....
Montgomery	10	2,732,223	9	3,263,547	9	3,099,046	8	3,549,158	8	3,301,384
Peoria	11	2,698,913	11	2,736,888	12	1,743,252	11	1,477,832	11	1,421,829
Saline	12	2,420,155	10	2,808,069	10	2,575,028	10	2,590,461	10	2,648,085
Knox	13	1,675,974	13	1,776,971	11	1,792,649	12	1,248,924	12	1,218,670
Douglas	14	1,140,162	15	913,284	16	653,830	14	745,786	15	653,624
Kankakee	15	976,019	14	1,028,113	14	962,484	13	753,756	13	927,574
Stark	16	727,568	16	876,517	17	557,128	17	574,069	16	587,518
Vermilion	17	....	17	687,470	15	845,076	16	624,619	14	828,358
Jackson	18	....	..	....	..	....	15	715,390	17	586,620

II PRODUCTION—TABLE 7—TONS OF COAL PRODUCED, AVERAGE DAYS WORKED, NUMBER OF MINES OPERATED, AND NUMBER OF EMPLOYEES IN ALL SHIPPING MINES, WITH PERCENTAGES BY YEARS FROM 1920 TO 1968 INCLUSIVE, * ALL MINES—1969-1970

Years	All mines				Strip mines				Percentage of strip mines		
	Number of—		Average days worked	Tons produced	Number of—		Average days worked	Tons produced			
	Mines	Men			Mines	Men			Mines	Men	Tons
1920	373	85,037	176	72,409,610	3	217	149	367,009	0.08	0.25	0.57
1921	389	92,080	174	78,339,082	3	242	183	437,006	0.08	0.26	0.56
1922	352	93,681	127	61,406,093	5	446	134	533,923	1.42	0.48	0.87
1923	374	99,081	146	73,410,837	6	412	180	895,608	1.60	0.42	1.22
1924	338	85,499	139	70,324,363	11	611	155	1,184,288	3.25	0.64	1.68
1925*	255	77,629	231	100,012,299	18	1,181	264	4,722,597	7.06	1.52	4.72
1926	244	73,497	155	67,836,441	16	1,203	176	3,482,611	6.56	1.64	5.13
1927	241	74,117	112	44,926,433	15	1,139	138	2,756,410	6.22	1.54	6.14
1928	206	61,154	152	54,284,184	14	1,149	206	4,113,908	6.80	1.88	7.58
1929	200	54,721	162	59,075,995	17	1,518	176	5,250,501	8.50	2.77	8.89
1930	185	51,215	145	51,996,608	15	1,519	181	6,220,336	8.11	2.97	11.96
1931	167	47,024	130	43,073,058	15	1,591	164	6,576,677	8.92	3.38	15.27
1932	162	44,078	107	31,402,399	17	1,769	163	6,628,228	10.50	4.00	21.11
1933	159	40,660	131	35,390,677	20	1,890	131	5,599,006	12.58	4.65	15.82
1934	172	40,943	147	38,655,527	26	2,042	134	6,008,218	15.12	4.99	15.54
1935	182	40,496	147	41,410,414	28	2,338	148	7,088,104	15.38	5.77	17.72
1936	176	40,011	153	47,285,587	30	2,803	141	8,873,299	17.04	7.00	18.16
1937	168	38,553	152	48,062,076	30	3,133	152	11,176,074	17.85	8.12	23.25
1938	149	35,247	135	38,442,859	25	2,881	153	10,058,999	16.77	8.17	26.16
1939	146	33,034	140	42,994,107	26	2,854	170	11,295,547	17.80	8.63	26.27
1940	139	29,695	140	46,071,806	27	2,873	176	12,024,635	18.7	9.6	26.1
1941	143	30,258	168	51,033,319	30	3,169	175	13,367,089	20.9	10.4	26.1
1942	141	30,022	201	61,124,628	28	3,495	209	15,937,681	20.5	11.8	26.1
1943	141	28,753	241	68,971,621	26	3,431	212	15,484,712	18.0	11.9	22.0
1944	157	29,010	230	73,958,923	31	3,730	204	17,108,528	19.7	12.8	23.1
1945	159	28,198	224	70,322,301	37	3,481	198	16,203,763	23.2	12.3	22.0
1946	160	29,745	196	60,932,785	36	3,479	166	14,302,739	22.7	11.7	23.5
1947	160	29,594	220	64,612,627	38	3,702	208	17,827,339	22.	12.5	27.4
1948	160	29,803	186	62,494,412	45	4,064	172	16,758,306	28.1	13.6	26.8
1949	157	28,520	133	44,772,617	45	4,248	120	12,835,980	28.6	14.9	28.6
1950	149	28,246	161	54,356,918	39	3,729	151	16,469,126	26.1	13.2	30.3
1951	136	26,936	158	52,595,098	33	3,429	191	17,289,932	24.3	12.7	32.9
1952	111	21,674	151	43,274,400	27	3,066	175	15,340,989	24.3	14.1	35.5
1953	97	17,201	153	43,847,321	29	3,076	168	15,495,734	29.9	17.8	35.3
1954	87	15,252	152	40,017,802	28	2,889	168	15,388,078	32.2	18.8	38.5
1955	85	12,418	169	43,880,729	35	2,879	170	17,535,630	41.2	23.2	40.0
1956	88	11,857	167	45,538,998	42	3,038	157	18,041,603	47.7	25.6	39.6
1957	92	11,604	164	44,532,214	50	3,154	150	18,439,200	54.3	27.2	41.4
1958	85	10,313	158	41,856,967	49	3,402	141	19,318,772	57.6	33.0	46.1
1959	83	10,027	162	43,515,737	46	3,185	152	20,532,528	55.4	31.8	47.2
1960	78	9,772	171	43,703,382	40	3,168	167	20,946,982	51.3	32.4	47.9
1961	67	8,252	177	42,825,911	36	3,114	181	20,999,859	53.7	37.7	49.0
1962	64	7,892	182	45,262,974	37	2,984	183	22,482,457	57.8	37.8	49.7
1963	67	8,002	187	48,375,564	42	3,089	177	25,194,264	65.7	38.6	52.1
1964	68	8,225	185	51,888,467	40	3,091	186	27,863,966	58.8	37.6	53.7
1965	63	8,135	195	55,452,130	39	3,053	173	30,714,714	61.9	37.5	55.4
1966	56	8,298	200	59,261,953	35	3,143	195	33,726,863	62.5	37.9	56.9
1967	52	8,054	261	60,488,521	32	3,129	210	34,794,177	61.5	38.8	57.5
1968	48	8,547	202	57,670,671	25	3,173	219	34,142,920	52.1	37.1	59.2
1969	62	9,591	206	64,832,584	34	3,647	202	34,659,957	54.8	38.0	53.5
1970	64	10,214	206	64,884,103	35	3,429	198	33,268,533	54.7	33.6	51.3

* From July 1, 1924 to December 31, 1925.

* Statistics from 1969 to present not comparable with those for prior years as they include local mines which were not reported previously in this table.

II PRODUCTION—TABLE 8—MINES AND PRODUCTION

	1970		1969		Increase (+) Decrease (−)		Percent of Increase (+) Decrease (−)	
	Mines	Tons	Mines	Tons	Mines	Tons	Mines	Tons
All Mines	64	64,884,103	62	64,832,584	+2	+51,519	+3.2	+.79

II PRODUCTION—TABLE 9—OUTPUT OF ALL MINES

Mine index number	County, name of operator and mine	Name or number of mine	Post office address of mine	Numbers of days in operation and tons of coal mined							
				January		February		March		April	
				Days	Tons	Days	Tons	Days	Tons	Days	Tons
	CHRISTIAN COUNTY										
S-8	Peabody Coal Company	#10	Pawnee	21	461,954	20	449,045	18	420,286	22	430,509
	DOUGLAS COUNTY										
S-1	Moffat Coal Company		Murdock	26	96,956	23	96,323	26	104,773	25	92,574
	FRANKLIN COUNTY										
S-23	Old Ben Coal Corp.	#21	Sesser	25	194,700	24	190,532	22	205,554	25	197,047
S-24	Freeman Coal Mining Corp.	#5	W. Frankfort	24	83,220	3	31,220	21	72,510	17	66,250
S-25	Old Ben Coal Corp.	#24	Benton	24	242,120	23	235,076	22	236,842	25	271,646
S-26	Old Ben Coal Corp.	#26	Sesser	24	208,532	23	192,930	21	177,925	25	207,935
	Average Days and Total Tons			24	728,572	18	649,758	22	692,831	23	742,878
	FULTON COUNTY										
S-14	The United Electric Coal Cos.	#9	Cuba	17	65,593	17	66,667	18	69,244	17	66,784
S-15	The United Electric Coal Cos.	#17	Canton	19	132,570	24	205,847	26	227,462	25	219,714
S-40	* Peabody Coal Co.	Bright Star	Fairview	21	42,669	14	24,578	22	46,017	17	33,660
S-40	* Midland Coal Co., Div. of Asarco	Elm#2	Fairview	..	......	..	......	..	......	..	......
S-43	Ayrshire Coal Co., Inc., Div. of AMAX	Sun Spot	Vermont	24	79,811	24	91,399	25	101,213	25	96,035
S-44	Truax-Traer Coal Co., Div. of Consolidation Coal Co.	Norris	Norris	19	163,669	17	149,741	19	165,468	21	199,465
	Average Days and Total Tons			20	484,312	19	538,232	22	609,404	21	615,658
	GALLATIN COUNTY										
S-1	Peabody Coal Co.	Eagle Strip	Shawneetown	22	66,223	28	63,643	31	124,035	30	131,142
S-2	Peabody Coal Co.	Eagle#1	Shawneetown	21	106,530	21	109,482	24	125,295	21	89,559
S-3	Peabody Coal Co.	Eagle#2	Shawneetown	22	55,664	21	62,730	22	69,005	20	76,097
	Average Days and Total Tons			22	228,417	23	235,855	26	318,335	24	296,798
	JACKSON COUNTY										
L-70	Tab Mining Co., Inc.	#1	Carbondale	12	4,738	14	5,335	14	6,836	9	3,855
L-72	Royal Mining Co.		Carterville	8	3,152	5	1,928	7	6,287	11	5,953
	Average Days and Total Tons			10	7,890	10	7,263	11	13,123	10	9,808

AND DAYS WORKED EACH MONTH IN 1970

Number of days in operation and tons of coal mined																		Mine index number
May		June		July		August		September		October		November		December		Total		
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
23	461,520	19	397,202	15	296,211	21	404,939	21	414,024	22	399,733	19	352,915	22	411,445	243	4,899,783	S-8
25	97,273	23	89,752	17	68,537	23	94,650	25	102,887	26	102,162	23	90,849	25	103,426	287	1,140,162	S-1
22	155,497	19	144,262	18	142,880	26	188,287	24	178,487	27	201,649	22	165,473	24	214,135	278	2,178,503	S-23
22	77,567	17	84,180	16	58,570	26	115,720	22	111,821	27	114,550	23	117,350	25	99,150	243	1,032,108	S-24
22	241,813	18	175,170	18	181,994	26	232,600	24	236,400	27	296,782	23	247,084	23	225,698	275	2,823,225	S-25
21	192,676	17	139,545	18	164,667	20	162,443	24	208,164	27	231,370	23	182,556	24	221,455	267	2,290,198	S-26
22	667,553	18	543,157	18	548,111	25	699,050	24	734,872	27	844,351	23	712,463	24	760,438	266	8,324,034	
12	43,808	14	49,995	13	51,640	17	60,392	17	66,698	16	61,046	17	66,297	19	77,251	194	745,415	S-14
24	195,588	21	170,774	17	134,895	23	181,640	21	166,468	23	183,160	18	138,741	25	205,192	266	2,162,051	S-15
19	31,202	24	39,031	26	45,713	24	43,431	23	40,369	22	37,125	13	23,274	..	......	225	407,069	S-40*
..	......	..	......	..	......	..	......	..	......	..	......	6	8,252	22	30,258	28	38,510	S-40*
24	88,861	19	73,810	14	47,020	21	68,330	21	69,703	19	69,379	18	65,627	17	65,587	251	916,775	S-43
21	173,495	20	132,960	24	175,249	22	160,013	19	128,204	21	139,687	16	100,383	20	122,189	239	1,810,523	S-44
20	532,954	20	466,570	19	454,517	21	513,806	20	471,442	20	490,397	18	402,574	21	500,477	241	6,080,343	
29	92,855	30	35,139	31	18,790	31	36,365	30	49,161	31	38,965	30	42,493	31	50,670	354	749,481	S-1
19	109,173	19	114,694	15	86,656	21	102,617	21	98,416	20	85,920	19	74,791	22	83,671	243	1,186,804	S-2
19	72,758	19	75,623	21	76,305	19	75,176	20	92,486	22	96,057	19	96,671	21	113,883	245	962,455	S-3
22	274,786	23	225,456	22	181,751	24	214,158	24	240,063	24	220,942	23	213,955	25	248,224	281	2,898,740	
12	5,271	10	5,531	17	7,499	20	8,542	21	11,000	20	10,339	12	6,004	19	9,311	180	84,261	L-70
16	9,131	7	2,064	14	6,185	8	3,453	12	4,712	11	3,120	9	2,208	6	2,032	114	50,225	L-72
14	14,402	9	7,595	16	13,684	14	11,995	17	15,712	16	13,459	11	8,212	13	11,343	147	134,486	

Mine index number	County, name of operator and mine	Name or number of mine	Post office address of mine	Numbers of days in operation and tons of coal mined							
				January		February		March		April	
				Days	Tons	Days	Tons	Days	Tons	Days	Tons
	JEFFERSON COUNTY										
S-3	Freeman Coal Mining Corp.	#3	Waltonville	20	254,576	20	243,523	20	257,493	18	215,486
S-5	Inland Steel Company	Inland	Sesser	24	132,867	20	132,024	21	163,064	21	161,969
S-6	Freeman Coal Mining Corp.	#6	Waltonville	21	138,751	24	200,732	20	121,910	22	172,390
S-7	Eads Coal Co.	Eads	Belle Rive	..	......	..	......	..	......	..	......
	Average Days and Total Tons			22	526,194	21	576,279	20	542,467	20	549,845
	JOHNSON COUNTY										
L-8	New Burnside Coal Co.	New Burnside	Christopher	15	973	15	501	..	......	..	......
L-9	Holly Mining Corp.		Antioch	..	......	..	......	..	......	..	......
	Average Days and Total Tons			15	973	15	501	..	......	..	......
	KANKAKEE COUNTY										
S-1	Peabody Coal Co.	Northern	S. Wilmington	26	73,382	24	100,696	26	108,376	23	90,248
	KNOX COUNTY										
S-4	* Peabody Coal Co.	Mecco	Victoria	26	160,956	24	189,327	26	205,051	24	164,463
S-4	* Midland Coal Co., Div. of Asarco	Mecco	Victoria	..	......	..	......	..	......	..	......
	Average Days and Total Tons			26	160,956	24	189,327	26	205,051	24	164,463
	MACOUPIN COUNTY										
S-19	Monterey Coal Co.	Monterey #1	Carlinville	..	......	..	......	..	......	..	......
	MERCER COUNTY										
L-62	Hazel Dell Coal Corp.		New Windsor	21	2,502	20	2,724	21	5,191	21	2,013
L-63	Viola Materials Corp.	#1	Viola	7	2,851	2	1,537	..	......	..	......
	Average Days and Total Tons			14	5,353	11	4,261	21	5,191	21	2,013
	MONTGOMERY COUNTY										
S-4	Freeman Coal Mining Corp.	Crown	Farmersville	21	154,743	19	154,875	22	181,272	20	149,346
S-5	Truax-Traer Coal Co., Div. Consolidation Coal Co.	Hillsboro	Coffeen	20	90,145	18	83,342	17	84,739	18	88,207
	Average Days and Total Tons			21	244,888	19	238,217	20	266,011	19	237,553

AND DAYS WORKED EACH MONTH IN 1970—Continued

Number of days in operation and tons of coal mined																		Mine index number
May		June		July		August		September		October		November		December		Total		
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
20	203,683	13	150,398	14	139,048	21	230,726	23	255,629	24	238,850	19	209,166	22	258,035	234	2,656,613	S-3
20	160,633	18	138,182	16	144,668	10	93,143	24	221,838	22	193,351	21	191,166	21	195,278	238	1,928,183	S-5
21	150,473	19	134,156	17	93,833	25	158,922	25	146,112	26	181,421	19	139,852	23	171,264	262	1,809,816	S-6
..	......	..	......	..	......	..	......	..	......	..	......	1	2,900	11	45,100	12	48,000	S-7
20	514,789	17	422,736	16	377,549	19	482,791	24	623,579	24	613,622	15	543,084	19	669,677	187	6,442,612	
..	......	..	......	..	......	..	......	..	......	..	......	..	......	..	......	30	1,474	L-8
..	......	..	......	..	......	20	2,542	..	......	..	......	..	......	..	......	20	2,542	L-9
..	......	..	......	..	......	20	2,542	..	......	..	......	..	......	..	......	25	4,016	
23	80,070	25	84,197	20	70,850	17	65,487	18	67,217	19	63,371	20	77,604	26	94,521	267	976,019	S-1
21	144,045	19	106,360	20	124,464	23	150,785	21	120,586	17	88,460	13	73,980	..	......	234	1,528,477	S-4*
..	......	..	......	..	......	..	......	..	......	..	......	5	28,834	21	118,663	26	147,497	S-4*
21	144,045	19	106,360	20	124,464	23	150,785	21	120,586	17	88,460	9	102,814	21	118,663	130	1,675,974	
..	......	11	10,287	23	24,778	21	18,484	21	25,488	22	32,762	20	61,442	21	88,322	139	261,563	S-19
19	3,114	22	3,989	..	......	17	2,140	20	3,621	21	3,154	19	3,141	22	4,024	225	35,613	L-62
3	1,200	..	......	..	......	..	......	..	......	..	......	..	......	2	469	14	6,057	L-63
11	4,314	22	3,989	..	......	17	2,140	20	3,621	21	3,154	19	3,141	12	4,493	120	41,670	
21	168,328	13	99,505	15	122,734	21	173,563	21	167,843	21	161,529	21	152,401	17	121,124	232	1,807,263	S-4
16	77,618	17	75,628	13	52,550	19	59,688	21	78,497	22	84,656	19	70,652	21	79,238	221	924,960	S-5
19	245,946	15	175,133	14	175,284	20	233,251	21	246,340	22	246,185	20	223,053	19	200,362	227	2,732,223	

Mine index number	County, name of operator and mine	Name or number of mine	Post office address of mine	Numbers of days in operation and tons of coal mined							
				January		February		March		April	
				Days	Tons	Days	Tons	Days	Tons	Days	Tons
	PEORIA COUNTY										
S-4	* Peabody Coal Company	Elm #1	Trivoli	24	119,884	21	126,271	21	112,922	20	98,365
S-4	* Midland Coal Co., Div. of Asarco	Elm #1	Trivoli	..	......	..	......	..	......	..	......
L-150	* Peabody Coal Co.	Edwards	Edwards	26	57,610	27	59,317	26	63,715	25	57,750
L-150	* Midland Coal Co., Div. of Asarco	Edwards	Edwards	..	......	..	......	..	......	..	......
L-164	The United Electric Coal Cos.	Banner #27	Glasford	23	58,417	22	63,978	25	70,413	23	68,861
	Average Days and Total Tons			24	235,911	24	249,566	24	247,050	23	224,976
	PERRY COUNTY										
S-14	The United Electric Coal Cos.	#11	DuQuoin	17	100,536	21	149,525	24	182,676	24	182,943
S-33	Truax-Traer Coal Co., Div. Consolidation Coal Co.	#2	DuQuoin	22	205,435	20	161,301	21	211,370	20	168,700
S-34	Southwestern Illinois Coal Corp.	Captain	Percy	21	329,735	21	274,922	25	277,720	25	238,374
	Average Days and Total Tons			20	635,706	21	585,748	23	671,766	23	590,017
	POPE COUNTY										
L-2	Mt. Zion Mining Corp.	#1	Marion	..	......	..	......	..	......	..	......
L-3	E & L Coal Co.		Marion	..	......	..	......	..	......	..	......
	Average Days and Total Tons			..	......	..	......	..	......	..	......
	RANDOLPH COUNTY										
S-7	Southwestern Ill. Coal Corp.	Streamline	Percy	26	120,723	24	130,921	24	148,361	25	138,684
S-17	Zeigler Coal & Coke Co.	Spartan	Sparta	20	73,678	19	70,817	21	76,382	21	78,058
S-19	Truax-Traer Coal Co., Div. Consolidation Coal Co.	#3	Sparta	20	110,146	21	107,840	14	63,391	18	88,115
	Average Days and Total Tons			23	304,547	21	309,578	20	288,134	21	304,857
	ST. CLAIR COUNTY										
S-94	Peabody Coal Co.	River King	Freeburg	26	382,951	19	357,857	22	406,548	22	326,419
S-96	Peabody Coal Co.	Midwest Hi-Wall #2	Millstadt	22	41,445	20	39,304	21	35,977	21	41,933
S-97	Peabody Coal Co.	River King #1	Freeburg	..	......	..	......	..	......	..	......
S-98	Peabody Coal Co.	Midwest Hi-Wall #3	Millstadt	..	......	..	......	..	......	..	......
L-70	Belle Valley Coal Co.		Belleville	25	9,445	20	8,892	20	9,509	20	6,256
L-90	Peabody Coal Co.	Midwest Strip	Millstadt	22	46,588	20	44,031	22	55,563	22	54,714
	Average Days and Total Tons			24	480,429	20	450,048	21	507,597	21	429,322

AND DAYS WORKED EACH MONTH IN 1970—Continued

Number of days in operation and tons of coal mined																		Mine index number
May		June		July		August		September		October		November		December		Total		
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
20	99,607	20	109,311	22	93,809	21	113,189	20	75,235	15	57,764	13	85,382	. .	......	217	1,091,739	S-4*
. .	......	. .	......	. .	......	. .	......	. .	......	. .	......	6	18,390	29	138,965	35	157,355	S-4*
24	54,658	20	44,279	26	61,578	25	53,736	24	55,580	27	67,320	17	37,036	. .	......	267	612,579	L-150*
. .	......	. .	......	. .	......	. .	......	. .	......	. .	......	6	14,016	26	65,440	32	79,456	L-150*
22	64,014	21	62,083	16	46,506	23	67,856	22	63,549	21	61,623	22	63,843	23	66,641	263	757,784	L-164
22	218,279	20	215,673	22	201,893	23	234,781	22	194,364	21	186,707	21	218,667	26	271,046	271	2,698,913	
21	159,558	24	186,850	12	91,119	26	198,153	25	180,962	26	196,362	23	179,632	23	177,842	266	1,986,158	S-14
17	174,010	19	170,240	19	168,530	17	170,550	18	166,330	20	182,961	21	195,030	23	220,060	237	2,194,517	S-33
24	273,890	23	349,702	17	256,186	22	379,700	25	423,163	26	486,104	24	430,044	26	489,091	279	4,208,631	S-34
24	607,458	22	706,792	16	515,835	22	748,403	23	770,455	24	865,427	23	804,706	24	886,993	261	8,389,306	
. .	......	. .	......	. .	......	. .	......	17	4,392	5	461	. .	......	6	1,102	28	5,955	L-2
. .	......	5	350	10	724	12	752	12	1,348	16	974	10	1,050	19	815	84	6,013	L-3
. .	......	5	350	10	724	12	752	15	5,740	11	1,435	10	1,050	13	1,917	56	11,968	
24	130,283	23	131,493	18	98,663	26	128,694	25	108,814	27	121,264	23	118,007	24	130,529	289	1,506,436	S-7
19	68,767	20	73,626	15	45,445	17	57,518	20	73,904	20	71,945	17	62,263	21	75,056	230	827,459	S-17
17	95,794	20	81,738	20	126,936	20	115,066	21	101,849	24	125,567	18	108,534	24	141,992	237	1,266,968	S-19
20	294,844	21	286,857	18	271,044	21	301,278	22	284,567	24	318,776	20	288,804	23	347,577	252	3,600,863	
21	311,387	22	335,591	26	441,653	25	434,030	23	407,620	24	416,213	22	375,241	23	442,178	275	4,637,688	S-94
19	25,713	. .	......	. .	......	. .	......	. .	......	. .	......	. .	......	. .	......	103	184,372	S-96
24	5,607	25	19,918	25	26,376	22	24,074	24	30,308	24	30,882	21	57,040	21	54,275	186	248,480	S-97
. .	......	22	20,357	26	36,727	25	49,078	25	61,696	26	66,386	23	54,804	25	60,355	172	349,403	S-98
17	8,977	. .	......	. .	......	. .	......	. .	......	. .	......	. .	......	. .	......	102	43,079	L-70
13	29,421	25	65,815	26	82,008	26	72,968	25	61,722	27	70,791	23	63,302	26	63,913	277	710,836	L-90
19	381,105	23	441,681	26	586,764	25	580,150	24	561,346	25	584,272	22	550,387	24	620,721	223	6,173,858	

II PRODUCTION—TABLE 9—OUTPUT OF SHIPPING MINES AND

Mine index number	County, name of operator and mine	Name or number of mine	Post office address of mine	Numbers of days in operation and tons of coal mined							
				January		February		March		April	
				Days	Tons	Days	Tons	Days	Tons	Days	Tons
	SALINE COUNTY										
S-1	Sahara Coal Co., Inc.	#6	Harrisburg	22	78,224	22	76,614	24	97,808	9	36,104
S-16	Sahara Coal Co., Inc.	#5	Harrisburg	20	65,632	20	71,337	23	77,886	10	27,543
S-39	Sahara Coal Co., Inc.	#16	Harrisburg	20	78,285	19	77,551	23	74,956	11	28,216
S-55	Houston Coal Co.	#2	Carrier Mills	22	2,030	..	......	25	2,780	26	1,510
S-56	Sahara Coal Co.	#20	Harrisburg	..	......	..	......	21	4,283	10	7,178
L-128	Big Ridge Coal Co.		Harrisburg	..	......	20	3,973	15	1,821	15	2,105
	Average Days and Total Tons			21	224,171	20	229,475	22	259,534	16	102.656
	STARK COUNTY										
S-1	* Peabody Coal Co.	Allendale	Wyoming	24	84,793	19	72,745	24	83,802	23	76,643
S-1	* Midland Coal Co., Div. of Asarco	Allendale	Wyoming	..	......	..	......	..	......	..	......
	Average Days and Total Tons			24	84,793	19	72,745	24	83,802	23	76,643
	VERMILION COUNTY										
S-61	Ayrshire Coal Co., Inc., Div. AMAX	Harmattan	Danville	15	45,021	12	38,971	16	56,238	15	44,643
L-215	Deep Valley Coal Co.		Danville	22	755	10	462	8	317	..	......
L-220	V-Day Coal Co.		Danville	23	5,739	18	5,630	17	4,682	16	5,587
	Average Days and Total Tons			20	51,515	13	45,063	14	61,237	16	50,230
	WILLIAMSON COUNTY										
S-4	Ayrshire Coal Co., Inc., Div. AMAX	Delta	Marion	15	79,327	18	83,142	19	87,595	21	104,202
S-83	Bell & Zoller Coal Co.	#4	Johnston City	21	98,317	18	86,565	20	93,659	19	94,597
S-92	Forsyth-Energy, Inc.	Energy Mine	Herrin	21	42,835	20	40,639	15	28,923	22	45,097
S-99	Freeman Coal Mining Corp.	#4	Marion	19	99,670	20	96,667	18	81,238	20	93,692
S-100	Peabody Coal Co.	Will Scarlet	Stonefort	20	81,499	18	67,696	22	92,314	21	94,918
L-47	Barbara Kay Coal Co., Inc.		Marion	25	17,479	21	12,771	19	12,969	9	6,367
L-195	Harrisburg Coal Co.	#1	Marion	22	20,987	21	9,559	18	7,011	8	5,829
L-254	Cold Water Coal Co.		Herrin	..	......	..	......	..	......	..	......
	Average Days and Total Tons			20	440,114	19	397,039	19	403,709	17	444,702
	GRAND TOTAL			21	5,477,033	19	5,425,055	21	5,808,677	20	5,455,750

* NAME CHANGED TO MIDLAND COAL COMPANY DIVISION OF ASARCO November 23, 1970

DAYS WORKED EACH MONTH IN 1970—Concluded

Number of days in operation and tons of coal mined																		Mine index number
May		June		July		August		September		October		November		December		Total		
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
18	67,357	21	76,618	17	66,252	22	84,862	21	80,857	14	53,805	16	62,889	19	74,053	225	855,443	S-1
22	50,951	23	58,650	15	32,614	24	63,943	25	61,509	17	46,196	23	54,025	21	48,642	243	658,928	S-16
21	56,721	22	59,459	17	39,838	22	48,571	24	49,382	16	37,433	20	48,589	22	48,468	237	647,469	S-39
25	1,586	26	443	26	2,143	23	2,793	24	239	27	976	23	1,406	20	1,213	257	17,119	S-55
20	11,652	20	16,971	16	11,616	21	19,755	20	31,141	17	25,507	21	43,445	21	41,171	187	212,719	S-56
10	987	15	2,325	20	2,626	21	2,913	20	2,678	21	2,858	21	3,100	20	3,091	198	28,477	L-128
19	189,254	21	214,466	19	155,089	22	222,837	22	225,806	19	166,775	21	213,454	21	216,638	226	2,420,155	
15	53,407	14	45,714	14	55,603	13	49,114	7	22,030	13	40,920	11	37,589	. .	......	177	622,360	S-1*
. .	......	. .	......	. .	......	. .	......	. .	......	. .	......	5	17,903	23	87,305	28	105,208	S-1*
15	53,407	14	45,714	14	55,603	13	49,114	7	22,030	13	40,920	8	55,492	23	87,305	205	727,568	
. .	......	. .	......	. .	......	. .	......	. .	......	. .	......	. .	......	. .	......	58	184,873	S-61
. .	......	. .	......	. .	......	. .	......	5	76	11	317	12	421	14	473	82	2,821	L-215
13	3,966	18	6,189	12	3,578	16	3,485	16	4,121	18	6,167	18	5,998	22	7,135	207	62.277	L-220
13	3,966	18	6,189	12	3,578	16	3,485	11	4,197	15	6,484	15	6,419	18	7,608	116	249,971	
21	95,892	18	71,995	15	65,494	21	99,855	21	95,432	20	93,903	20	96,243	22	109,547	231	1,082,627	S-4
14	73,366	19	90,870	15	65,776	21	89,328	21	105,167	22	105,797	19	80,598	20	85,194	229	1,069,234	S-83
19	33,514	17	36,104	13	24,500	21	42,128	19	41,089	21	39,558	18	30,346	18	33,003	224	437,736	S-92
17	85,081	16	71,716	15	63,751	20	91,564	23	115,520	23	119,440	20	105,390	20	111,360	231	1,135,089	S-99
20	80,187	17	73,672	21	88,749	21	83,741	21	86,884	23	97,216	19	81,082	26	108,815	249	1,036,773	S-100
5	3,426	8	3,133	17	6,820	24	11,024	21	8,047	22	16,479	19	15,780	22	16,501	212	130,796	L-47
12	4,254	18	11,916	15	5,659	19	10,649	21	5,152	25	8,035	21	8,046	22	9,098	222	106,195	L-195
. .	......	. .	......	. .	......	. .	......	. .	......	. .	......	. .	......	27	1,426	27	1,426	L-254
16	375,720	16	359,406	16	320,749	21	428,289	21	457,291	22	480,428	19	417,485	22	474,944	203	4,999,876	
19	5,161,685	19	4,809,562	18	4,447,015	17	5,463,167	20	5,591,627	21	5,769,822	18	5,348,570	21	6,126,140	206	64,884,103	

II PRODUCTION—

Number	Name of operator	Post office address of the mine	Disposition of output—tons Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
							CHRISTIAN
S-8	Peabody Coal Co., #10	Pawnee	** 4,899,783	1,864,174	12,511	....	384,409 † 2,635,407
							DOUGLAS
S-1	Moffat Coal Co.	Murdock	1,140,162	690,741	......	....	449,421
							FRANKLIN
S-23	Old Ben Coal Corp., #21	Sesser	2,178,503	2,146,549	......	....	31,121
S-24	Freeman Coal Mining Corp., #5	West Frankfort	1,032,108	1,032,100	......	....	8
S-25	Old Ben Coal Corp., #24	Benton	2,823,225	2,823,225	......	....	....
S-26	Old Ben Coal Corp., #26	Sesser	2,290,198	2,290,198	......	....	....
	Total 4 mines	....	8,324,034	8,292,072	......	....	31,129
							FULTON
S-14	The United Electrical Coal Cos., #9	Cuba	745,415	741,332	......	....	....
S-15	The United Electrical Coal Cos., #17	Canton	2,162,051	348,563	......	1,811,296	....
S-40	* Peabody Coal Co., Bright Star	Fairview	407,069	407,069	......	....	....
S-40	* Midland Coal Co., Div. of Asarco, Elm #2	Fairview	38,510	38,510	......	....	....
S-43	Ayrshire Coal Co., Inc., Sun Spot	Vermont	916,775	337,682	......	207,945	371,148
S-44	Truax-Traer Coal Co., Norris, Div. Consolidation Coal Company	Norris	1,810,523	1,074,082	......	471,341	265,100
	Total 5 mines	....	6,080,343	2,947,238	......	2,490,582	636,248
							GALLATIN
S-1	Peabody Coal Co., Eagle Strip	Shawneetown	749,481	....	......	749,481	....
S-2	Peabody Coal Co., Eagle #1	Shawneetown	1,186,804	....	......	1,186,804	....
S-3	Peabody Coal Co., Eagle #2	Shawneetown	962,455	....	......	962,455	....
	Total 3 mines	....	2,898,740	....	......	2,898,740	....
							JACKSON
L-70	Tab Mining Co., Inc. #1	Carbondale	84,261	3,317	......	....	80,944
L-72	Royal Mining Company	Carterville	50,225	50,225	......	....	....
	Total 2 mines	....	134,486	53,542	......	....	80,944

†Belted to Kincaid Station   * Number of employees averaged account of different management, same mine.

* * Tipple located in Christian County.

1,965,669 Tons Mined in Christian County—1,938,438 Tons Mined in Sangamon County—995,676 Tons Mined in Montgomery County

TABLE 10

		Total Employees	Days of active operation	Explosives used for blasting coal				Number of		Tons mined by machine	Tons mined in strip mines	Number
Tons consumed at the mine	All coal not sold including waste			Explosives used to blast overburden	Pellet powder—pounds	Dynamite—pounds	Permissibles—pounds	Mining machines	Motors			
COUNTY												
3,282	......	965	243	....	[a]16	....	....	[c]3 9	..	4,899,783	....	S-8
COUNTY												
...	......	175	287	....	[a]7	....	....	2	..	1,140,162	....	S-1
COUNTY												
833	......	339	278	....	.....	....	....	[c]12	..	2,178,503	....	S-23
....	......	232	243	....	.....	....	....	4	..	1,032,108	....	S-24
....	......	319	275	....	.....	....	....	[c]11	..	2,823,225	....	S-25
....	......	339	267	....	.....	....	....	[c] 9	..	2,290,198	....	S-26
833	......	1,229	1,063	....	.....	....	....	4	..	8,324,034	....	
COUNTY												
728	3,355	92	194	AN 353,910	.....	64,600	....	...	....	....	745,415	S-14
1,123	1,069	238	266	AN 293,250	.....	111,500	....	...	....	....	2,162,051	S-15
....	......	60	225	....	.....	....	....	...	....	....	407,069	S-40*
....	......	60	28	....	.....	....	....	...	....	....	38,510	S-40*
....	......	98	251	427,566	.....	....	....	...	....	....	916,775	S-43
....	......	217	239	....	40,000	....	11,200	...	....	....	1,810,523	S-44
1,851	4,424	705	1,203	1,074,726	40,000	176,100	11,200	...	....	....	6,080,343	
COUNTY												
....	......	100	354	4,600,984	.....	500	....	...	....	....	749,481	S-1
....	......	257	243	....	[a]8	....	....	[c]3 4	12	1,186,804	....	S-2
....	......	401	245	....	[a]8	....	....	[c]2 8	..	962,455	....	S-3
....	......	758	842	4,600,984	.....	500	....	12	12	2,149,259	749,481	
COUNTY												
....	......	14	180	AN6,000	.....	400	1,200	...	....	....	84,261	L-70
....	......	4	114	....	.....	....	....	...	....	....	50,225	L-72
....	......	18	294	6,000	.....	400	1,200	...	....	......	134,486	

II PRODUCTION—

Number	Name of operator	Post office address of the mine	Disposition of output—tons Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
JEFFERSON							
S-3	Freeman Coal Mining Corp., #3	Waltonville	2,656,613	2,435,320	17,730		203,563
S-5	Inland Steel Co., Inland	Sesser	1,928,183	1,909,333			
S-6	Freeman Coal Mining Corp., #6	Waltonville	1,809,816	1,809,125			691
S-7	Eads Coal Co.	Belle Rive	48,000	48,000			
	Total 4 mines		6,442,612	6,201,778	17,730		204,254
JOHNSON							
L-8	New Burnside Coal Co., New Burnside	Christopher	1,474				1,474
L-9	Holly Mining Corp.	Antioch	2,542			2,377	165
	Total 2 mines		4,016			2,377	1,639
KANKAKEE							
S-1	* * Peabody Coal Co., Northern	S. Wilmington	976,019	611,898			364,121
KNOX							
S-4	* Peabody Coal Co., Mecco	Victoria	1,528,477	1,473,593			54,884
S-4	* Midland Coal Co., Mecco, Div. of Asarco	Victoria	147,497	128,774			18,723
	Total 1 mine		1,675,974	1,602,367			73,607
MACOUPIN							
S-19	Monterey Coal Co., Monterey #1	Carlinville	261,563	253,637			
MERCER							
L-62	Hazel Dell Coal Corp.	New Windsor	35,613				35,593
L-63	Viola Materials, Inc., #1	Viola	6,057	6,057			
	Total 2 mines		41,670	6,057			35,593
MONTGOMERY							
S-4	Freeman Coal Mining Corp., Crown	Farmersville	1,807,263	1,439,877	1,125		366,261
S-5	Truax-Traer Coal Co., Hillsboro, Div. Consolidation Coal Co.,	Coffeen	924,960				36,907 †888,053
	Total 2 mines		2,732,223	1,439,877	1,125		1,291,221

†Direct to C.I.P.S. Power Plant

* * Tipple located in Kankakee County
288,938 Tons mined in Grundy County
687,081 Tons mined in Will County

* Number of employees averaged account, different management same mine.

TABLE 10

		Total Employees	Days of active operation	Explosives used for blasting coal				Number of		Tons mined by machine	Tons mined in strip mines	Number
Tons consumed at the mine	All coal not sold including waste			Explosives used to blast overburden	Pellet powder—pounds	Dynamite—pounds	Permissibles—pounds	Mining machines	Motors			
COUNTY												
....	......	630	234	....	.....	....	....	^{c}12	..	2,656,613	....	S-3
....	18,850	398	238	....	.....	....	....	^{c} 8	12	1,928,183	....	S-5
....	......	322	262	....	.....	....	....	^{c}10	..	1,809,816	....	S-6
....	....	45	12	....	.....	....	....	.	.....	......	48,000	S-7
....	18,850	1,395	746	....	.....	....	....	...	12	6,394,612	48,000	
COUNTY												
....	......	8	30	AN20,150	.....	....	....	...	.....	....	1,474	L-8
....	......	9	20	....	.....	....	....	...	.....	....	2,542	L-9
...	.....	17	50	20,150	.....	....	....	...	.....	....	4,016	
COUNTY												
....	.....	160	267	....	.....	....	....	...	.....	....	976,019	S-1
COUNTY												
....	......	144	234	....	.....	....	....	...	.....	....	1,528,477	S-4*
....	......	144	26	....	.....	....	....	...	.....	....	147,497	S-4*
....	......	144	260	....	.....	....	....	...	.....	....	1,675,974	
COUNTY												
....	7,926	171	139	....	.....	....	....	^{c}3	2	261,563	....	S-19
COUNTY												
20	......	11	225	....	.....	....	4,500	2	2	35,613	....	L-62
....	......	4	14	....	.....	....	1,200	...	.....	....	6,057	L-63
20	......	15	239	....	.....	....	5,700	2	2	35,613	6,057	
COUNTY												
....	...	465	232	....	.....	....	....	^{c}1 7	6	1,807,263	....	S-4
....	....	161	221	....	.....	......	...	^{c}5	3	924,960	....	S-5
....	......	626	453	....	.....	....	....	7	9	2,732,223	....	

II PRODUCTION—

Number	Name of operator	Post office address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
							PEORIA
S-4	* Peabody Coal Co., Elm Pit #1	Trivoli	1,091,739	1,083,473	8,266		
S-4	* Midland Coal Co., Elm Pit #1, Div. of Asarco	Trivoli	157,355	157,355			
L-150	* Peabody Coal Co., Edwards	Edwards	612,579				612,579
L-150	* Midland Coal Co., Edwards, Div. of Asarco	Edwards	79,456				79,456
L-164	The United Electric Coal Cos., Banner #27	Glasford	757,784			755,890	18
	Total 3 mines		2,698,913	1,240,828	8,266	755,890	692,053
							PERRY
S-14	The United Electric Coal Cos., #11	DuQuoin	1,986,158	1,908,877			66,494
S-33	Truax-Traer Coal Co., #2, Div. Consolidation Coal Co.	DuQuoin	2,194,517	1,593,028		599,760	1,729
S-34	Southwestern Ill. Coal Corp., Captain	Percy	4,208,631	4,208,631			
	Total 3 mines		8,389,306	7,710,536		599,760	68,223
							POPE
L-2	Mt. Zion Mng. Corp., #1	Marion	5,955	490			5,465
L-3	E & L Coal Company	Marion	6,013				6,013
	Total 2 mines		11,968	490			11,478
							RANDOLPH
S-7	Southwestern Ill. Coal Corp., Streamline	Percy	1,506,436	1,405,339	15,908		82,493
S-17	Zeigler Coal & Coke Co., Spartan	Sparta	827,459	778,088			49,371
S-19	Truax-Traer Coal Co., #3, Div. Consolidation Coal Co.	Sparta	1,266,968			1,266,968	
	Total 3 mines		3,600,863	2,183,427	15,908	1,266,968	131,864
							ST. CLAIR
S-94	Peabody Coal Co., River King "Strip"	Freeburg	4,637,688	4,198,927			438,761
S-96	Peabody Coal Co., Midwest Hi-Wall #2	Millstadt	184,372				184,372
S-97	Peabody Coal Co., River King #1	Freeburg	248,480	248,480			
S-98	Peabody Coal Co., Midwest Hi-Wall #3	Millstadt	349,403				349,403
L-70	Belle Valley Coal Co.	Belleville	43,079				43,079
L-90	Peabody Coal Co., Midwest Strip	Millstadt	710,836				710,836
	Total 6 mines		6,173,858	4,447,407			1,726,451

TABLE 10

				Explosives used for blasting coal				Number of				
Tons consumed at the mine	All coal not sold including waste	Total Employees	Days of active operation	Explosives used to blast overburden	Pellet powder—pounds	Dynamite—pounds	Permissibles—pounds	Mining machines	Motors	Tons mined by machine	Tons mined in strip mines	Number
COUNTY												
....	......	141	217	....	.....	....	....	....	....	....	1,091,739	S-4*
....	......	141	35	....	.....	....	....	....	....	....	157,355	S-4*
....	......	81	267	....	.....	....	....	....	....	....	612,579	L-150*
....	......	81	32	....	.....	....	....	....	....	....	79,456	L-150*
1,876	......	65	263	....	.....	....	....	....	....	....	757,784	L-164
1,876	......	287	814	....	.....	....	....	....	....	....	2,698,913	
COUNTY												
1,260	9,527	182	266	AN 6,753,515	.....	....	212,850	....	....	....	1,986,158	S-14
....	......	207	237	AN 11,041,448	.....	....	152,000	....	....	....	2,194,517	S-33
....	......	194	279	AN 10,883,165	.....	....	....	....	....	....	4,208,631	S-34
1,260	9,527	583	782	28,678,128	.....	....	364,850	....	....	....	8,389,306	
COUNTY												
....	......	8	28	....	.....	....	....	....	....	....	5,955	L-2
....	......	3	84	....	.....	300	....	....	....	....	6,013	L-3
....	......	11	112	....	.....	300	....	....	....	....	11,968	
COUNTY												
1,200	1,496	139	289	AN 5,600,000	.....	252,000	66,850	....	....	....	1,506,436	S-7
....	......	181	230	....	[a]8	....	....	3	.	827.459	....	S-17
....	......	119	237	AN 2,484,000	....	....	34,000	....	....	....	1,266,968	S-19
1,200	1,496	439	756	8,084,000	....	252,000	100,850	3	.	827,459	2,773,404	
COUNTY												
....	......	330	275	7,428,343	.....	....	382,115	[c]1	....	....	4,637,688	S-94
....	......	102	103	....	[a]5	....	....	[c]2	.	184,372	....	S-96
....	......	145	186	....	...	....	....	[c]3	.	248,480	....	S-97
....	......	102	172	....	...	....	....	....	.	349,403	....	S-98
....	......	39	102	....	[a]2	....	....	1	3	43,079	....	L-70
....	......	80	277	1,202,917	.....	....	41,783	....	....	....	710,836	L-90
....	......	798	1,115	8,631,260	.....	....	423,898	3	3	825,334	5,348,524	

II PRODUCTION—

Number	Name of operator	Post office address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
							SALINE
S-1	Sahara Coal Co., Inc., #6	Harrisburg	855,443	854,829	......	....	614
S-16	Sahara Coal Co., Inc. #5	Harrisburg	658,928	655,933	......	....	2,768
S-39	Sahara Coal Co., Inc., #16	Harrisburg	647,469	643,925	......	....	3,275
S-55	Houston Coal Co., #2	Carrier Mills	17,119	875	......	....	16,244
S-56	Sahara Coal Co., Inc., #20	Harrisburg	212,719	211,661	......	....	978
L-128	Big Ridge Coal Co.	Harrisburg	28,477	28,477	......	....	....
	Total 6 mines	....	2,420,155	2,395,700	......	....	23,879
							STARK
S-1	* Peabody Coal Co., Allendale	Wyoming	622,360	622,001	......	....	359
S-1	* Midland Coal Co., Allendale, Div. Asarco	Wyoming	105,208	105,208	......	....	....
	Total 1 mine	....	727,568	727,209	......	....	359
							VERMILION
S-61	Ayrshire Coal Co., Inc., Harmattan, Div. AMAX	Danville	184,873	....	......	....	184,873
L-215	Deep Valley Coal Co.	Danville	2,821	....	......	....	2,821
L-220	V-Day Coal Co.	Danville	62,277	24,400	......	....	37,877
	Total 3 mines	....	249,971	24,400	......	....	225,571
							WILLIAMSON
S-4	Ayrshire Coal Co., Inc., Delta, Div. AMAX	Marion	1,082,627	1,072,093	9,315	....	133
S-83	Bell & Zoller Coal Co., #4	Johnston City	1,069,234	1,067,176	......	....	2,058
S-92	Forsyth-Energy, Inc., Energy Mine	Herrin	437,736	337,398	11,165	89,173	....
S-99	Freeman Coal Mining Corp., #4	Marion	1,135,089	1,115,167	720	....	19,202
S-100	Peabody Coal Co., Will Scarlet	Stonefort	1,036,773	1,036,773	......	....	....
L-47	Barbara Kay Coal Co., Inc.	Marion	130,796	....	......	....	130,796
L-195	Harrisburg Coal Co., #1	Marion	106,195	....	......	....	106,195
L-254	Cold Water Coal Co.	Herrin	1,426	....	......	....	1,426
	Total 8 mines	....	4,999,876	4,628,607	21,200	89,173	259,810
	TOTAL ALL MINES-64	....	64,884,103	47,321,985	76,740	8,103,490	9,327,681

AN-Ammonium Nitrate
A-Compressed air machines
C-Continuous Mining Machines

* NAME CHANGED TO MIDLAND COAL COMPANY DIVISION OF ASARCO NOVEMBER 23, 1970

TABLE 10

				Explosives used for blasting coal				Number of				
Tons consumed at the mine	All coal not sold including waste	Total Employees	Days of active operation	Explosives used to blast overburden	Pellet powder—pounds	Dynamite—pounds	Permissibles—pounds	Mining machines	Motors	Tons mined by machine	Tons mined in strip mines	Number
COUNTY												
....	......	148	225	AN 5,164,650	.....	2,350	....	...	...	....	855,443	S-1
227	......	183	243	....	a 5	....	....	c 1 3	...	658,928	....	S-16
269	......	130	237	....	a 5	....	....	c 1 2	...	647,469	....	S-39
....	......	3	267	AN 3,000	.....	500	....	...	...	....	17,119	S-55
80	......	110	187	....	a 4	....	....	c 1 1	...	212,719	....	S-56
....	......	5	198	....	.....	....	850	...	...	....	28,477	L-128
576	......	579	1,357	5,167,650	.....	2,850	850	6	...	1,519,116	901,039	
COUNTY												
....	......	132	177	....	.....	....	....	...	...	....	622,360	S-1*
....	......	132	28	....	.....	....	....	...	...	....	105,208	S-1*
....	......	132	205	....	.....	....	....	...	...	....	727,568	
COUNTY												
....	......	79	58	AN 9,750	.....	....	....	...	...	....	184,873	S-61
....	......	6	82	....	.....	....	865	2	1	2,821	....	L-215
....	......	24	207	....	a 1	....	....	1	2	62,277	....	L-220
....	......	109	347	9,750	.....	....	865	3	3	65,098	184,873	
COUNTY												
390	696	124	231	AN 7,654,740	.....	2,200	1,400	...	...	....	1,082,627	S-4
....	......	266	229	....	.....	....	....	c 6	...	1,069,234	....	S-83
....	......	56	224	....	.....	92,750	23,600	...	...	....	437,736	S-92
....	......	249	231	....	.....	....	....	c 5	...	1,135,089	....	S-99
....	......	138	249	AN 5,096,605	.....	36,940	....	...	...	....	1,036,773	S-100
....	......	35	212	....	a 1	....	....	1	3	130,796	....	L-47
....	......	28	222	....	a 1	....	....	1	3	106,195	....	L-195
....	......	2	27	....	.....	....	....	...	...	....	1,426	L-254
390	696	898	1,625	12,751,345	.....	131,890	25,000	2	6	2,441,314	2,558,562	
11,288	42,919	10,214	13,199	69,023,993	a 71	564,040	934,413	53	49	31,615,570	33,268,533	

II PRODUCTION—TABLE 11—RAILROADS HANDLING COAL—TONS SOLD TO RAILROADS SERVING MINES—TONS SOLD TO RAILROADS NOT SERVING MINES—1970

Operators	Names of railroads	Tons shipped to market	Tons sold to railroads serving mines	Tons sold to railroads not serving mines	Total tons handled by railroads
CHRISTIAN COUNTY					
Peabody Coal Co., #10	C & IM	1,864,174			1,864,174
	N & W		12,511		12,511
Total		1,864,174	12,511		1,876,685
DOUGLAS COUNTY					
Moffat Coal Co.	B & O	690,741			690,741
FRANKLIN COUNTY					
Old Ben Coal Corp., #21	B & N	308,030			308,030
	Mo. Pac.	206,283			206,283
	IC	519,680			519,680
	C & EI	1,112,556			1,112,556
Old Ben Coal Corp., #24	B & N	2,823,225			2,823,225
Old Ben Coal Corp., #26	B & N	2,035,299			2,035,299
	Mo. Pac.	164,665			164,665
	IC	90,234			90,234
Freeman Coal Mining Corp. #5	CB & Q	900,480			900,480
	IC	131,620			131,620
Total		8,292,072			8,292,072
FULTON COUNTY					
The United Electric Coal Cos., #9	TP & W	633,523			633,523
	CB & Q	107,809			107,809
The United Electric Coal Cos., #17	CB & Q	348,563			348,563
Ayrshire Coal Co., Inc., Sun Spot Div. of AMAX	CB & Q	337,682			337,682
Truax-Traer Coal Co., Norris Div. Consolidation	B & N	949,798			949,798
Coal Co.	C & NW	124,284			124,284
* Peabody Coal Co., Bright Star	C & NW	407,069			407.069
* Midland Coal Co., Elm #1	C & NW	38,510			38,510
Total		2,947,238			2,947,238
JACKSON COUNTY					
Tab Mining Co., Inc. #1	IC			3,317	3,317
Royal Mining Co.	IC	50,225			50,225
Total		50,225		3,317	53,542
JEFFERSON COUNTY					
Freeman Coal Mining Corp., #3	CB & Q	886,472	17,545		904,017
	IC	1,325,896	55		1,325,951
	Mo. Pac.	222,952	130		223,082
Inland Steel Co.	IC	1,909,333			1,909,333
Freeman Coal Mining Corp., #6	CB & Q	207,417			207,417
	IC	976,409			976,409
	MP	625,299			625,299
Eads Coal Co.	IC	48,000			48,000
Total		6,201,778	17,730		6,219,508

II PRODUCTION—TABLE 11—Continued

Operators	Names of railroads	Tons shipped to market	Tons sold to railroads serving mines	Tons sold to railroads not serving mines	Total tons handled by railroads
KANKAKEE COUNTY					
Peabody Coal Co., Northern	AT & S. Fe	129,260			129,260
	GM & O	482,638			482,638
Total		611,898			611,898
KNOX COUNTY					
* Peabody Coal Co., Mecco	CRI & P	1,473,593			1,473,593
* Midland Coal Co., Mecco Div. of Asarco	CRI & P	128,774			128,774
Total		1,602,367			1,602,367
MACOUPIN COUNTY					
Monterey Coal Co., Monterey #1	IC	42,287			42,287
	B & N	29,600			29,600
	C & NW	181,750			181,750
Total		253,637			253,637
MONTGOMERY COUNTY					
Freeman Coal Mining Corp., Crown	IC	1,439,877	1,125		1,441,002
MERCER COUNTY					
Viola Materials Inc.	Burlington	6,057			6,057
PEORIA COUNTY					
* Peabody Coal Co., Elm Pit #1	C & NW	1,083,473	8,266		1,091,739
* Midland Coal Co., Elm Pit #1 Div. of Asarco	C & NW	157,355			157,355
Total		1,240,828	8,266		1,249,094
PERRY COUNTY					
The United Electric Coal Cos., #11	IC	675,933			675,933
	Mo. Pac.	1,232,944			1,232,944
Truax-Traer Coal Co., #2	IC	603,750			603,750
	Mo. Pac.	989,278			989,278
Southwestern Ill. Coal Corp., "CAPTAIN"	GM & O	4,208,631			4,208,631
Total		7,710,536			7,710,536
POPE COUNTY					
Mt. Zion Mining Co.	NYC	490			490
RANDOLPH COUNTY					
Southwestern Ill. Coal Corp., Streamline	GM & O	1,404,938	15,908		1,420,846
	Mo. Pac.	401			401
Zeigler Coal & Coke Co., Spartan	M & I	778,088			778,088
Total		2,183,427	15,908		2,199,335

II PRODUCTION—TABLE 11—Concluded

Operators	Names of railroads	Tons shipped to market	Tons sold to railroads serving mines	Tons sold to railroads not serving mines	Total tons handled by railroads
ST. CLAIR COUNTY					
Peabody Coal Co., River King	Peabody Coal Co.	1,095,719	....	....	1,095,719
	IC	3,103,208	....	....	3,103,208
Peabody Coal Co., River King #1	IC	248,480	....	....	248,480
Total		4,447,407	....	....	4,447,407
SALINE COUNTY					
Sahara Coal Co., Inc., #6	PC	553,052	....	....	553,052
	IC	301,777	....	....	301,777
Sahara Coal Co., Inc. #5	PC	485,455	....	....	485,455
	IC	170,478	....	....	170,478
Sahara Coal Co., Inc., #16	PC	442,180	....	....	442,180
	IC	201,745	....	....	201,745
	PC	151,418	....	....	151,418
Sahara Coal Co., Inc., #20	IC	60,243	....	....	60,243
Houston Coal Co., #2	PC	....	....	875	875
Big Ridge Coal Co.	PC	28,477	....	....	28,477
Total		2,394,825	....	875	2,395,700
STARK COUNTY					
* Peabody Coal Co., Allendale	BN	622,001	....	....	622,001
* Midland Coal Co., Allendale Div. of Asarco	BN	105,208	....	....	105,208
Total		727,209	....	....	727,209
VERMILION COUNTY					
V-Day Coal Co.	Penn. Cent.	24,400	....	....	24,400
WILLIAMSON COUNTY					
Ayrshire Coal Co., Inc., Delta Div. AMAX	PC	831,562	9,315	....	840,877
	IC	240,531	....	....	240,531
Bell & Zoller Coal Co., #4	C & EI	903,965	....	....	903,965
	IC	37,427	....	....	37,427
	CB & Q	....	....	125,784	125,784
Forsyth-Energy Inc., Energy Mine	CB & Q	211,257	11,165	....	222,422
	IC	126,141	....	....	126,141
Freeman Coal Mining Corp., #4	IC	529,164	720	....	529,884
	C & EI	586,003	....	....	586,003
Peabody Coal Co., Will Scarlet	Penn. Cen.	741,470	....	....	741,470
	IC	295,303	....	....	295,303
Total		4,502,823	21,200	125,784	4,649,807
GRAND TOTAL		47,192,009	76,740	129,976	47,398,725

II PRODUCTION—TABLE 12—SPECIAL PREPARATION PLANTS

Name of operator	Address	Type and make of installation	Tonnage prepared or capacity of plant
Ayrshire Coal Co., Inc., Delta Div. AMAX	Marion	Mechanical Jig Type	1,082,627
Ayrshire Coal Co., Inc. Harmattan, Div. AMAX	Danville	Mechanical Jig Type	184,873
Ayrshire Coal Co., Inc. Sun Spot, Div. AMAX	Vermont	Heavy Media Fluid Bed	916,775
Barbara Kay Coal Co., Inc.	Marion	Deister Cleaning Table	58,740
Bell & Zoller Coal Co., #4	Johnston City	McNally-Pittsburg	1,069,234
Belle Valley Coal Co., Inc.	Belleville	Heavy Media Washer	43,079
Forsyth-Energy, Inc., Energy Mine	Herrin	Mechanical Washer	437,736
Freeman Coal Mining Corp., Crown	Farmersville	Roberts & Schaefer Washer & Air Cleaner	1,807,263
Freeman Coal Mining Corp., #3	Waltonville	Deducter, Dry Cleaner, Heavy Media Jig	2,656,613
Freeman Coal Mining Corp., #4	Marion	Roberts & Schaefer Heavy Media & Air Washer	1,135,089
Freeman Coal Mining Corp., #5	West Frankfort	Heavy Media Deister Table	1,032,108
Freeman Coal Mining Corp., #6	Waltonville	Heavy Media Washer	1,068,984
Harrisburg Coal Co., #1	Marion	Deister Table Washer	106,195
Hazel Dell Coal Corp.	New Windsor	Air Washer	35,613
Houston Coal Co., #2	Carrier Mills	Coal Crusher	17,119
Inland Steel Co.	Sesser	Modern Preparation Plant	1,928,183
Moffat Coal Co.	Murdock	McNally #223	1,140,162
Monterey Coal Co., Monterey #1	Carlinville	Baum Jig Type Operation	261,563
Old Ben Coal Corp., #21	Sesser	Mogul Jig Hy Media Cyclones, Froth Flotation	2,178,503
Old Ben Coal Corp., #26	Sesser	Mogul Jig Super Air Flow	2,290,198
Peabody Coal Co., #10	Pawnee	Jig Washer	1,534,341
* Peabody Coal Co., Allendale	Wyoming	Jig Washer	622,360
* Midland Coal Co., Allendale	Wyoming	Jig Washer	105,208
Peabody Coal Co., Eagle Strip	Shawneetown	NcNally-Pittsburg	749,481
* Peabody Coal Co. Elm Pit #1	Trivoli	McNally-Pittsburg	1,091,739
* Midland Coal Co. Elm Pit #1	Trivoli	McNally-Pittsburg	407,069
Peabody Coal Co., Eagle #2	Shawneetown	Cyclone Plant	962,455
* Peabody Coal Co., Edwards	Edwards	McNally-Pittsburg	612,579
* Midland Coal Co., Edwards	Edwards	McNally-Pittsburg	79,456
* Peabody Coal Co., Elm #2 (Bright Star)	Fairview	McNally Pittsburg	407,069
* Midland Coal Co., Elm Pit #2	Fairview	McNally-Pittsburg	38,510
* Peabody Coal Co., Mecco	Victoria	McNally Wash Boxes	1,528,477
* Midland Coal Co. "Mecco"	Victoria	McNally Wash Boxes	147,497
Peabody Coal Co., Midwest Hi-Wall #2	Millstadt	Jeffrey Jig Washer	184,372
Peabody Coal Co., Midwest Hi-Wall #3	Millstadt	Jeffrey Jig Washer	349,403
Peabody Coal Co., Midwest Strip	Millstadt	Jeffrey Jig Washer	710,836
Peabody Coal Co., Northern	So. Wilmington	McNally-Pittsburg	976,019
Peabody Coal Co., River King	Freeburg	McNally-Pittsburg	4,637,688
Peabody Coal Co., River King #1 U.G.	Freeburg	McNally-Pittsburg	248,480
Peabody Coal Co. Will Scarlet	Stonefort	Link Belt, Baum Jigs & Dryers	1,036,773
Sahara Coal Coal Co., #5, #6, #16 & #20	Harrisburg	Central Washing Plant	2,374,559
Southwestern Ill. Coal Corp., "Captain"	Percy	McNally-Pittsburg	4,208,631
Southwestern Ill. Coal Corp., Streamline	Percy	McNally Washer, Thermal Drier	1,506,436
Truax-Traer Coal Co., #2 Div. Consolidation Coal Co.	DuQuoin	McNally-Pittsburg	2,194,517
Truax-Traer Coal Co., #3 Div. Consolidation Coal Co.	Sparta	Roberts & Schaefer	1,266,968
Truax-Traer Coal Co., "Norris" Div. Consolidation Coal Co.	Norris	Washed and dried centrifically	1,810,523
The United Electric Coal Cos. #9 Div. Consolidation Coal Co.	Cuba	McNally Norton	745,515
The United Electric Coal Co., #11	DuQuoin	Koppers Rheolaveur	1,986,158
The United Electric Coal Co., #17	Canton	Neldco Heavy Media	2,162,051
The United Electric Coal Co., #27	Glasford	Roberts & Schaefer, Heavy Media	757,784
V-Day Coal Co.	Danville	Belnop Roberts Schaefer, Air Washed	62,277
Zeigler Coal & Coke Co.	Sparta	McNally-Pittsburg Wet Washer	827,459

* NAME CHANGED TO MIDLAND COAL COMPANY DIVISION OF ASARCO NOVEMBER 23, 1970

II PRODUCTION—TABLE 13—PHYSICAL AND MECHANICAL

Mine index number	County, name of operator and mines	Post office address of mine	Tons of coal produced in 1970	Number of seam	Thickness of seam in feet
	CHRISTIAN COUNTY				
S-8	Peabody Coal Co., #10	Pawnee	4,899,783	6	7'2"
	DOUGLAS COUNTY				
S-1	Moffat Coal Co.	Murdock	1,140,162	6	7'0"
	FRANKLIN COUNTY				
S-23	Old Ben Coal Corp., #21	Sesser	2,178,503	6	8'4½"
S-24	Freeman Coal Mining Corp., #5	West Frankfort	1,032,108	6	9'1"
S-25	Old Ben Coal Corp., #24	Benton	2,823,225	6	8'6"
S-26	Old Ben Coal Corp., #26	Sesser	2,290,198	6	8'0"
	FULTON COUNTY				
S-14	The United Electric Coal Cos., #9	Cuba	745,515	5 & 6	4'8"
S-15	The United Electric Coal Cos., #17	Canton	2,162,051	5	4'6"
S-40	* Peabody Coal Co., Bright Star	Fairview	407,069	6	3'8"
S-40	* Midland Coal Co., Elm Pit #2, Div. Asarco	Fairview	38,510	6	3'8"
S-43	Ayrshire Coal Co., Inc., Div. of AMAX, Sun Spot	Vermont	916,775	2	
S-44	Truax-Traer Coal Co., Norris; Div. of Consolidation Coal Co.	Norris	1,810,523	5 & 6	
	GALLATIN COUNTY				
S-1	Peabody Coal Co., Eagle Strip	Shawneetown	749,481	6	3'7"
S-2	Peabody Coal Co., Eagle #1	Shawneetown	1,186,804	5	4'6"
S-3	Peabody Coal Co., Eagle #2	Shawneetown	962,455	5	4'6"
	JACKSON COUNTY				
S-7	EADS Coal Co.	Belle Rive	48,000	OPDYKE	18"-22"
L-70	Tab Mining Co., Inc. #1	Carbondale	84,261	2 & 3	4'
L-72	Royal Mining Co.	Carterville	50,225	6	6'
	JEFFERSON COUNTY				
S-3	Freeman Coal Mining Corp., #3	Waltonville	2,656,613	6	9'0"
S-5	Inland Steel Co., Inland	Sesser	1,928,183	6	9'3"
S-6	Freeman Coal Mining Corp., #6	Waltonville	1,809,816	6	7'0"
	JOHNSON COUNTY				
L-8	New Burnside Coal Co.	Christopher	1,474	1	3'8"
L-9	Holly Mining Corp.	Antioch	2,542	2	2'
	KANKAKEE COUNTY				
S-1	Peabody Coal Co., Northern	So. Wilmington	976,019	2 & 7	3'4"
	KNOX COUNTY				
S-4	* Peabody Coal Co., Mecco	Victoria	1,528,477	6	3'.51
S-4	* Midland Coal Co., Mecco, Div. Asarco	Victoria	147,497	6	3'.51
	MACOUPIN COUNTY				
S-19	Monterey Coal Co., Monterey #1	Carlinville	261,563	6	7'3"
	MERCER COUNTY				
L-62	Hazel Dell Coal Corp.	New Windsor	35,613	1	4'6"
L-63	Viola Materials Corp.	Viola	6,057	1	3'6"

CHARACTERISTICS OF ALL MINES—1970

Shaft, slope, drift or strip	Depth surface to seam	Long wall or pillar and room	Mining	Haulage	Hoisting	Loading	Open or closed lights	Total tons of coal produced since mine opened	Year Mine opened
			Hand, machine or both	Mechanical, mule or both	Steam or electric	Hand, machine or both			
Slope	340′	P & R	Machine	Belt	Electric	Machine	Closed	80,535,363	1952
Slope	207′	P & R	Machine	Belt	Electric	Machine	Closed	10,723,728	1946
Shaft	656′	Panel	Machine	Belt	Electric	Machine	Closed	25,168,824	1960
Shaft	612′	P & R	Machine	Motor, Belt & Shuttle Car	Electric	Machine	Closed	12,737,096	1960
Shaft	666′	Panel	Machine	Belt	Electric	Machine	Closed	13,025,243	1965
Shaft	651′	Panel	Machine	Belt	Electric	Machine	Closed	4,331,068	1968
Strip	39′	......	......	....	....	....	...	31,928,070	1924
Strip	60′-100′	......	......	....	....	....	...	39,761,257	1937
Strip	49′	......	......	....	....	....	...	814,138	1964
Strip	49′	......	......	....	....	....	...	852,648	1964
Strip	#5-4′3″	......	......	....	....	....	...	6,356,167	1962
Strip	#6-2′8″	......	......	....	....	....	...	2,318,680	1969
Strip	65′	......	......	....	....	....	...	2,455,055	1966
Drift	40′ at mouth	P & R	Machine	Motor & Belt	....	Machine	Closed	3,250,155	1967
Slope	250′	P & R	Machine	Belt	Electric	Machine	Closed	1,163,128	1967
Strip	25′	......	......	....	....	....	...	48,000	1970
Strip	20′	......	......	....	....	....	...	421,650	1967
Strip	40′	......	......	....	....	....	...	61,052	1969
Slope	800′	Pillar	Machine	Belt & Conveyor	Electric Belt Conveyor	Machine	Closed	51,371,376	1951
Shaft	733′	P & R	Machine	Belt & S-Car	Electric	Machine	Closed	3,114,159	1966
Shaft	792′	P & R	Machine	Conveyor Belt	Electric	Machine	Closed	2,878,800	1968
Strip	25′	......	......	....	....	....	...	25,865	1969
Strip	60′	......	......	....	....	....	...	2,542	1970
Strip	82′	......	......	....	....	....	...	16,505,416	1945
Strip	57′.15	......	......	....	....	....	...	14,551,532	1956
Strip	57′.15	......	......	....	....	....	...	14,699,029	1956
Shaft	300′	P & R	Machine	Belt	Electric	Machine	Closed	261,563	1969
Shaft	145′	P & R	Machine	Motor	Electric	Machine	Closed	381,351	1958
Strip	50′	......	......	....	....	....	...	11,623	1969

II PRODUCTION—TABLE 13—PHYSICAL AND MECHANICAL ·

Mine index number	County, name of operator and mine	Post office address of mine	Tons of coal produced in 1970	Number of seam	Thickness of seam in feet
	MONTGOMERY COUNTY				
S-4	Freeman Coal Mining Corp., Crown	Farmersville	1,807,263	6	7'0"
S-5	Truax-Traer Coal Co., Hillsboro Div. Consolidation Coal Co.	Coffeen	924,960	6	7'2"
	PEORIA COUNTY				
S-4	* Peabody Coal Co., Elm Pit #1	Trivoli	1,091,739	6	3'10"
S-4	* Midland Coal Co., Elm Pit #1, Div. Asarco	Trivoli	157,355	6	3'10"
L-150	* Peabody Coal Co., Edwards	Edwards	612,579	6	3'4"
L-150	* Midland Coal Co., Edwards, Div. Asarco	Edwards	79,456	6	3'4"
L-164	The United Electric Coal Cos., #27	Glasford	757,784	2	2'5"
	PERRY COUNTY				
S-14	The United Electric Coal Cos., #11	DuQuoin	1,986,158	6	6'4"
S-33	Truax-Traer Coal Co., #2, Div. Consolidation Coal Co.	DuQuoin	2,194,517	6	5'6"
S-34	Southwestern Ill. Coal Corp., Captain	Percy	4,208,631	5 & 6	4'4" 6'0"
	POPE COUNTY				
L-2	Mt. Zion Mng. Corp., #1	Marion	5,955	2 & 3	3'4"
L-3	E & L Coal Co.	Marion	6,013	2	3'6"
	RANDOLPH COUNTY				
S-7	Southwestern Ill. Coal Corp., Streamline	Percy	1,506,436	6	6'1"
S-17	Zeigler Coal & Coke Co., Spartan	Sparta	827,459	6	6'6"
S-19	Truax-Traer Coal Co., #3, Div. Consolidation Coal Co.	Sparta	1,266,968	5 & 6	3'6" 5'0"
	ST. CLAIR COUNTY				
S-94	Peabody Coal Co., River King	Freeburg	4,637,688	6	6'2"
S-97	Peabody Coal Co., River King #1	Freeburg	248,480	6	6'6"
S-98	Peabody Coal Co., Midwest Hi Wall # 3	Millstadt	349,403	6	6'6"
L-70	Belle Valley Coal Co.	Belleville	43,079	6	7'0"
L-90	Peabody Coal Co., Midwest Strip	Millstadt	710,836	6	6'6"
S-96	Peabody Coal Co., Midwest Hi Wall # 2	Millstadt	184,372	6	6'6"
	SALINE COUNTY				
S-1	Sahara Coal Co., Inc., #6	Harrisburg	855,443	6	4'6"
S-16	Sahara Coal Co., Inc., #5	Harrisburg	658,928	5	4'6"
S-39	Sahara Coal Co., Inc., #16	Harrisburg	647,469	5	6'0"
S-55	Houston Coal Co., #2	Carrier Mills	17,119	6	4'10"
S-56	Sahara Coal Co., Inc., #20	Harrisburg	212,719	5	4'7"
L-128	Big Ridge Coal Co.	Carterville	28,477	6	4'0"
	STARK COUNTY				
S-1	* Peabody Coal Co., Allendale	Wyoming	622,360	6	4'2"
S-1	* Midland Coal Co., Allendale-Div. of Asarco	Wyoming	105,208	6	4'2"
	VERMILION COUNTY				
S-61	Ayrshire Coal Co., Inc., Harmattan-Div. Amax	Danville	184,873	7	5'11"
L-215	Deep Valley Coal Co.	Danville	2,858	7	5'10"
L-220	V-Day Coal Co.	Danville	62,277	6	6'0"
	WILLIAMSON COUNTY				
S-4	Ayrshire Coal Co., Inc., Delta-Div. Amax	Marion	1,082,627	6	5'2"
S-83	Bell & Zoller Coal Co., #4	Johnston City	1,069,234	6	7'9"
S-92	Forsyth-Energy, Inc., Energy Mine	Herrin	437,736	6	8'
S-99	Freeman Coal Mining Corp., #4	Marion	1,135,089	6	6'7"
S-100	Peabody Coal Co., Will Scarlet	Stonefort	1,036,773	2 & 3	5'8"
L-47	Barbara Kay Coal Co., Inc.	Marion	130,796	5	4'4"
L-195	Harrisburg Coal Co., #1	Marion	106,195	5	4'2"
L-254	Cold Water Coal Co.	Herrin	1,426	6	8'

* NAME CHANGED TO MIDLAND COAL COMPANY DIVISION OF ASARCO NOVEMBER 23, 1970

CHARACTERISTICS OF ALL MINES—1970—Concluded

Shaft, slope, drift or strip	Depth surface to seam	Long wall or pillar and room	Mining	Haulage	Hoisting	Loading	Open or closed lights	Total tons of coal produced since mine opened	Year Mine opened
			Hand machine or both	Mechanical, mule or both	Steam or electric	Hand, machine or both			
Shaft	354′	P & R	Machine	Belt Cars & Locomotives	Electric	Machine	Closed	35,325,845	1951
Shaft	500′	P & R	Machine	Blet	Electric	Machine	Closed	5,586,748	1964
Strip	62′	......	......	......	......	......	...	2,129,355	1968
Strip	62′	......	......	......	......	......	...	2,286,710	1968
Strip	55′	......	......	......	......	......	...	5,414,083	1952
Strip	55′	......	......	......	......	......	...	5,493,539	1952
Strip	30′-55′	......	......	......	......	......	...	7,297,111	1959
Strip	65′-70′	......	......	......	......	......	...	56,432,293	1929
Strip	70′	......	......	......	......	......	...	23,866,695	1950
Strip	98′.2 67′.2	......	......	......	......	......	...	29,793,513	1964
Strip	20′-40′	......	......	......	......	......	...	5,955	1970
Strip	17′	......	......	......	......	......	...	6,013	1970
Strip	73′.91	......	......	......	......	......	...	35,609,221	1936
Slope	200′	P & R	Machine	Belt	Belt	Machine	Closed	13,476,880	1952
Strip	55′	......	......	......	......	......	...	7,550,740	1966
Strip	63′6″	......	......	......	......	......	...	47,353,892	1957
Slope	115′	P & R	Machine	Belt	Electric	Machine	Closed	248,480	1970
Drift	80′	P & R	Machine	Belt	Electric	Machine	Closed	349,403	1970
Slope	65′	P & R	Machine	Motor	Electric	Machine	Closed	2,255,655	1938
Strip	50′	......	......	......	......	......	...	14,522,875	1938
Drift	80′	P & R	Machine	Belt	Electric	Machine	Closed	1,392,586	1967
Strip	25′-100′	......	......	......	......	......	...	22,889,658	1936
Slope	135′	P & R	Machine	S-Car, Motor & Belt	Belt	Machine	Closed	17,126,375	1938
Slope	200′	P & R	Machine	S-Car, Belt	Belt	Machine	Closed	15,748,126	1941
Strip	24′	......	......	......	......	......	...	52,603	1968
Slope	223′	P & R	......	S-Car & Belt	......	Machine	Closed	212,719	1969
Strip	35′	......	......	......	......	......	...	28,477	1970
Strip	50′-80′	......	......	......	......	......	...	5,767,666	1960
Strip	50′-80′	......	......	......	......	......	...	5,872,874	1960
Strip	80′	......	......	......	......	......	...	15,116,438	1949
Slope	120′	P & R	Both	Motor	Electric	Machine	Closed	102,694	1942
Slope	304′ on 24°	P & R	Machine	Motor	Electric	Machine	Closed	1,146,554	1946
Strip	57′	......	......	......	......	......	...	24,241,519	1946
Slope	240′	P & R	Machine	Belt	Electric	Machine	Closed	22,493,061	1944
Strip	50′	......	......	......	......	......	...	9,418,661	1947
Slope	275′	P & R	Machine	Belt	Electric	Machine	Closed	19,933,889	1952
Strip	57′	......	......	......	......	......	...	14,332,001	1953
Slope	120′	P & R	Machine	Motor	Electric	Machine	Closed	13,426,024	1937
Slope	125′	P & R	Machine	Motor	Electric	Machine	Closed	1,079,420	1950
Strip	20′	......	......	......	......	......	...	1,426	1970

II PRODUCTION—TABLE 14—TOTAL PRODUCTION OF COAL IN TONS BY COUNTIES, 1882-1970

County	1970 production	Total production to date	County	1970 production	Total production to date
Adams	....	341,924	Madison	....	164,295,772
Bond	....	7,355,569	Marion	....	39,247,722
Brown	....	65,347	Marshall	....	12,516,141
Bureau	....	53,823,055	Menard	....	13,462,005
Calhoun	....	96,247	Mercer	41,670	15,411,386
Cass	....	212,477	Monroe	....	8,284
Christian	4,899,783	292,214,579	Montgomery	2,732,223	119,557,886
Clark	....	4,482	Morgan	....	190,787
Clay	....	801	Moultrie	....	2,032,236
Clinton	....	38,656,325	Peoria	2,698,913	82,963,343
Coles	....	198,932	Perry	8,389,306	254,129,266
Crawford	....	45,400	Pike	....	5,081
Douglas	1,140,162	10,723,728	Pope	11,968	13,530
Edgar	....	915,698	Putnam	....	10,071,893
Effingham	....	796	Randolph	3,600,863	108,969,660
Franklin	8,324,034	559,805,990	Richland	....	154
Fulton	6,080,343	274,356,528	Rock Island	....	3,846,169
Gallatin	2,898,740	13,146,540	St. Clair	6,173,858	308,112,147
Greene	....	693,191	Saline	2,420,155	233,578,699
Grundy	....	40,872,430	Sangamon	....	233,449,607
Hamilton	....	22,097	Schuyler	....	7,747,691
Hancock	....	771,281	Scott	....	612,476
Hardin	....	40	Shelby	....	4,119,763
Henry	....	22,910,053	Stark	727,568	7,100,154
Jackson	134,486	97,282,128	Tazewell	....	17,633,802
Jasper	....	23,739	Vermilion	249,971	164,902,606
Jefferson	6,442,612	61,585,607	Wabash	....	198,226
Jersey	....	120,350	Warren	....	685,466
Johnson	4,016	279,261	Washington	....	18,165,386
Kankakee	976,019	17,413,179	White	....	1,676,741
Knox	1,675,974	55,069,151	Will	....	37,553,733
LaSalle	....	65,547,638	Williamson	4,999,876	396,684,622
Livingston	....	10,111,437	Woodford	....	7,810,160
Logan	....	14,533,376			
Macon	....	11,000,468			
Macoupin	261,563	266,246,253	Total Production 1970	64,884,103	
McDonough	....	2,634,903	Total 1882-1970	....	4,182,377,733
McLean	....	5,544,139	Estimated Production 1833-1881	....	73,386,123
			Total Production 1833-1970	....	4,255,763,856

II PRODUCTION—TABLE 15—SUMMARY OF THE VARIOUS SEAMS OF COAL, KIND OF OPENING, MANNER OF WORK, AND TONS PRODUCED FROM EACH SEAM

Number of Seam	Number of—		Kind of opening				Manner of work			Total tons produced
	Counties	Mines	Shaft	Drift	Slope	Strip	Pillar and room	Longwall	Strip	
1	3	3	1	....	....	2	1	....	2	43,144
2	7	8	......	....	....	8	....	....	8	2,858,103
5	3	9	......	1	6	2	7	....	2	6,794,985
6	18	41	9	2	9	21	20	....	21	54,024,158
7	2	3	......	....	1	2	1	....	2	1,163,713
Total	.....	64	10	3	16	35	29	....	35	64,884,103

III *Labor and Employment*

III LABOR AND EMPLOYMENT—TABLE 16—NON-FATAL ACCIDENTS BY COUNTIES AND MONTHS—1970

Name of Operator	Number injured	Number not returned	Days lost by men returned		Loss of 7 days but less than 30 days			Loss of 30 days or more			Month in which accident occurred	
						Days lost			Days lost			
			Total	Average	Number injured	Total	Average	Number injured	Total	Average	Month	Number injured
CHRISTIAN COUNTY												
Peabody Coal Co., #10	92	14	2711	35	47	715	15	31	1996	64	January	15
											February	6
											March	7
											April	9
											May	4
											June	7
											July	6
											August	10
											September	8
											October	8
											November	5
											December	7
Total	92	14	2711	35	47	715	15	31	1996	64		92
DOUGLAS COUNTY												
Moffat Coal Co.	12	3	454	51	6	73	12	3	381	127	January	1
											March	2
											April	1
											June	1
											September	3
											October	1
											November	2
											December	1
Total	12	3	454	51	6	73	12	3	381	127		12

FRANKLIN COUNTY												
Old Ben Coal Corp., #21	27	5	896	41	12	182	15	10	714	78	January	11
Old Ben Coal Corp., #24	15	...	525	35	4	51	13	11	474	43	February	6
Old Ben Coal Corp., #26	16	1	423	28	11	186	17	4	237	59	March	7
Freeman Coal Mining Corp., #5	20	...	1264	63	8	138	17	12	1126	94	April	2
											May	9
											June	4
											July	6
											August	6
											September	7
											October	5
											November	9
											December	6
Total	78	6	3,108	43	35	557	16	37	2,551	71	...	78
FULTON COUNTY												
Ayrshire Coal Co., Inc., Sun Spot	6	1	162	32	3	57	19	2	105	53	January	3
Peabody Coal Co., Elm Mine	1	...	14	14	1	14	14	...	...	...	February	1
The United Electric Coal Cos. #9	4	1	91	30	2	36	18	1	55	55	March	2
The United Electric Coal Cos., #17	7	...	808	115	2	29	15	5	779	156	April	2
Truax-Traer Coal Co., Norris	4	...	96	24	3	60	20	1	36	36	May	2
											June	4
											July	2
											August	3
											September	1
											November	1
											December	1
Total	22	2	1,171	59	11	196	18	9	975	108	...	22
GALLATIN COUNTY												
Peabody Coal Co., Eagle Strip	17	...	413	24	11	126	11	6	287	48	January	8
Peabody Coal Co., Eagle #1	39	3	2,852	71	11	171	16	25	2,681	107	February	7
Peabody Coal Co., Eagle #2	18	...	761	41	11	162	15	7	599	86	March	6
											April	8
											May	5
											June	11
											July	9
											August	5
											September	5
											October	4
											December	6
Total	74	3	4,026	57	33	459	14	38	3,567	94	...	74

III LABOR AND EMPLOYMENT—TABLE 16—NON-FATAL ACCIDENTS BY COUNTIES AND MONTHS—1970—Continued

Name of Operator	Number injured	Number not returned	Days lost by men returned		Loss of 7 days but less than 30 days			Loss of 30 days or more			Month in which accident occurred	
						Days lost			Days lost			
			Total	Average	Number injured	Total	Average	Number injured	Total	Average	Month	Number injured
JACKSON COUNTY												
Royal Mining Co.	1	....	84	84	....	....	....	1	84	84	October	1
Total	1	....	84	84	....	....	....	1	84	84	....	1
JEFFERSON COUNTY												
Freeman Coal Mining Corp., #3	25	1	928	37	14	207	15	10	721	72	January	2
Freeman Coal Mining Corp., #6	23	....	2,158	94	9	167	19	14	1,991	142	February	2
Inland Steel Co.	4	....	236	59	1	9	9	3	227	99	March	3
											April	6
											May	4
											June	4
											July	5
											August	8
											September	6
											October	7
											November	3
											December	2
Total	52	1	3322	65	24	383	16	27	2,939	109	....	52
KANKAKEE COUNTY												
Peabody Coal Co., Northern	7	....	309	44	3	41	14	4	268	67	January	1
											March	2
											April	1
											June	2
											July	1
Total	7	....	309	44	3	41	14	4	268	67	....	7

KNOX COUNTY												
Peabody Coal Co., Mecco	7	....	164	23	5	59	12	2	105	53	January	1
											March	1
											April	1
											May	2
											June	1
											November	1
Total	7	....	164	23	5	59	12	2	105	53	....	7
MACOUPIN COUNTY												
Monterey Coal Co., Monterey #1	7	....	95	14	7	95	14	....	....	....	November	2
											December	5
Total	7	....	95	14	7	95	14	....	....	....	....	7
MONTGOMERY COUNTY												
Freeman Coal Mining Corp., Crown	66	1	3,402	52	31	542	17	34	2,860	84	January	9
Truax-Traer Coal Co., Hillsboro	9	1	246	31	5	58	12	3	188	63	February	4
											March	6
											April	5
											May	5
											June	2
											July	2
											August	12
											September	8
											October	8
											November	4
											December	8
Total	75	2	3,648	50	36	600	17	37	3,048	82	....	75
PEORIA COUNTY												
Peabody Coal Co., Edwards	1	....	21	21	1	21	21	....	....	....	March	1
Peabody Coal Co., Elm #1	9	....	218	24	6	61	10	3	157	52	April	2
The United Elect. Coal Cos., #27	2	....	81	41	1	29	29	1	52	52	July	4
Midland Coal Co., Elm #1	3	....	51	17	3	51	17	....	....	....	August	2
											November	3
											December	3
Total	15	....	371	25	11	162	15	4	209	52	....	15

III LABOR AND EMPLOYMENT—TABLE 16—NON-FATAL ACCIDENTS BY COUNTIES AND MONTHS—1970—Continued

Name of Operator	Number injured	Number not returned	Days lost by men returned		Loss of 7 days but less than 30 days			Loss of 30 days or more			Month in which accident occurred	
			Total	Average	Number injured	Days lost Total	Days lost Average	Number injured	Days lost Total	Days lost Average	Month	Number injured
PERRY COUNTY												
Southwestern Ill. Coal Corp., Captain	4	....	43	11	4	43	11	....	....	....	January	3
Truax-Traer Coal Co., #2	6	2	88	22	4	88	22	....	....	....	February	3
The United Elect. Coal Cos., #11	4	....	100	25	3	42	14	1	58	58	April	1
											June	1
											July	2
											October	2
											November	1
											December	1
Total	14	2	231	116	11	173	16	1	58	58	....	14
RANDOLPH COUNTY												
Southwestern Ill. Coal Corp., Streamline	11	....	283	26	6	61	10	5	222	44	January	5
Truax-Traer Coal Co., #3	2	....	48	24	2	48	24	....	....	....	February	2
Zeigler Coal & Coke Co., Spartan	12	....	545	45	3	39	13	9	506	56	March	1
											April	1
											May	3
											June	1
											July	1
											August	5
											September	2
											October	1
											November	2
											December	1
Total	25	....	876	35	11	148	135	14	728	52	....	25

ST. CLAIR COUNTY												
Peabody Coal Co., River King	10	....	510	52	4	53	13	6	457	76	January	1
Peabody Midwest Highwall, #2 & #3	14	....	537	38	6	91	15	8	446	56	February	2
Belle Valley Coal Co.	2	....	17	17	2	17	17	....	....	....	March	1
Peabody Coal Co., River King U.G. #1	1	....	21	21	1	21	21	....	....	....	April	3
Peabody Coal Co. Midwest Strip	2	....	33	17	2	33	17	....	....	....	May	7
											June	9
											July	1
											September	2
											October	1
											November	1
											December	1
Total	29	....	1,118	39	15	215	14	14	903	65	....	29
SALINE COUNTY												
Sahara Coal Co., Inc., #5	16	3	479	37	7	136	19	6	343	57	January	2
Sahara Coal Co., Inc., #6	8	1	560	80	....	....	....	7	560	80	February	4
Sahara Coal Co., Inc., #16	10	2	414	52	1	17	17	7	397	57	March	7
Sahara Coal Co., Inc., #20	6	4	75	38	....	....	....	2	75	38	April	2
Sahara Coal Co., Inc., #21											May	8
											June	2
											July	3
											August	5
											September	2
											October	1
											November	1
											December	3
Total	40	10	1,528	51	8	153	19	22	1,375	63	....	40
STARK COUNTY												
Peabody Coal Co., Allendale	8	1	260	32	3	50	17	4	210	53	January	1
Midland Coal Co., Allendale	1	....	19	19	1	19	19	....	....	....	March	1
											April	2
											May	1
											August	3
											December	1
Total	9	1	279	35	4	69	17	4	210	52	....	9

III LABOR AND EMPLOYMENT—TABLE 16—NON-FATAL ACCIDENTS BY COUNTIES AND MONTHS—1970—Concluded

Name of Operator	Number injured	Number not returned	Days lost by men returned		Loss of 7 days but less than 30 days			Loss of 30 days or more			Month in which accident occurred	
			Total	Average	Number injured	Days lost		Number injured	Days lost		Month	Number injured
						Total	Average		Total	Average		
VERMILION COUNTY												
V-Day Coal Co.	2	....	64	32	1	13	13	1	51	51	October	2
Total	2	....	64	32	1	13	13	1	51	51	....	2
WILLIAMSON COUNTY												
Ayrshire Coal Co., Inc., Delta	5	....	506	101	3	50	17	2	456	228	January	9
Bell & Zoller Coal Co., #4	18	2	670	42	7	97	14	9	573	64	February	2
Forsyth-Energy, Inc., Energy	1	....	26	26	1	26	26	....	....	....	March	3
Freeman Coal Co., #4	13	....	1,081	83	5	98	20	8	983	120	April	3
Peabody Coal Co., Will Scarlet	8	....	170	21	6	77	13	2	93	47	May	6
Barbara Kay Coal Co., Inc.	6	....	297	50	4	60	15	2	237	119	June	1
Harrisburg Coal Co., #1	6	1	115	23	5	115	23	....	....	....	July	2
											August	7
											September	8
											October	5
											November	5
											December	6
Total	57	3	2,865	55	31	523	17	23	2,342	102	....	57
TOTAL ALL MINES	618	47	26,424	46	299	4,634	15	272	21,790	80	....	618

ACCIDENTS

III LABOR & EMPLOYMENT—TABLE 17—COMPARATIVE STATISTICS OF FATAL AND NON-FATAL ACCIDENTS FOR THE PERIOD 1928 to 1970 INCLUSIVE, NON-FATAL ACCIDENTS OF 7 DAYS OR MORE LOST TIME

Year	Accidents		Tons mined to one—		Employees to one—	
	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal
1928	139	5,785	404,396	9,392	471	11
1929	109	6,621	560,805	9,232	538	9
1930	112	5,106	482,456	10,580	500	11
1931	90	3,800	501,696	11,854	595	14
1932	114	2,643	299,205	12,884	552	19
1933	71	3,018	539,720	12,697	683	16
1934	86	3,133	485,164	13,318	576	16
1935	82	3,147	548,942	14,304	599	16
1936	93	3,165	553,504	16,263	528	16
1937	83	2,887	655,810	18,854	561	16
1938	84	2,240	504,612	18,923	516	19
1939	80	1,887	595,343	25,240	511	22
1940	83	2,091	624,603	20,020	447	18
1941	92	2,096	601,801	26,414	406	18
1942	94	2,546	710,066	25,784	319	14
1943	97	3,017	756,131	24,317	339	11
1944	87	3,578	889,655	21,632	369	9
1945	75	3,350	979,292	21,924	414	9
1946	61	2,908	1,045,362	20,552	532	11
1947	204	2,618	334,927	26,098	160	12
1948	68	2,270	973,041	29,148	484	14
1949	38	1,658	1,253,431	28,727	827	19
1950	45	1,629	1,272,940	35,164	690	19
1951	154	1,494	356,297	36,727	190	20
1952	31	1,122	1,475,890	40,778	768	21
1953	28	920	1,641,647	49,963	677	21
1954	23	736	1,816,337	57,622	725	23
1955	18	651	2,539,531	70,217	757	21
1956	20	665	2,390,202	71,886	647	19
1957	21	542	2,222,995	86,131	609	24
1958	9	449	4,864,125	97,499	1,265	25
1959	10	475	4,537,463	95,525	1,089	23
1960	10	385	4,582,063	119,015	1,053	27
1961	7	368	6,447,503	122,643	1,278	24
1962	20	418	2,417,696	115,679	439	21
1963	16	445	3,227,652	116,050	556	20
1964	9	435	6,092,720	126,056	1,009	21
1965	13	468	4,479,421	124,428	676	19
1966	9	474	7,023,633	133,360	999	19
1967	20	524	3,240,739	123,692	440	17
1968	15	494	4,142,872	125,796	636	19
1969	12	521	5,402,715	124,439	799	18
1970	15	618	4,325,607	104,990	681	17

TABLE 18—TONS OF COAL MINED, NUMBER EMPLOYED, NUMBER KILLED AND INJURED, TONS MINED TO ONE MAN KILLED AND INJURED, AND RATIOS PER 1,000 EMPLOYED AND PER 1,000,000 TONS MINED—1882-1970, INCLUDING INJURIES INVOLVING LOSS OF 30 DAYS OR MORE

Year	Tons mined	Number employed	Accidents		Tons mined to one man		Accidents			
							Per 1,000 employed		Per 1,000,000 tons mined	
			Fatal	Non-fatal	Killed	Injured	Fatal	Non-fatal	Fatal	Non-fatal
1882	9,115,661	20,290	40	50	227,892	182,313	2.0	2.5	4.4	5.5
1883	10,508,785	23,939	134	231	78,424	45,493	5.6	9.1	12.8	22.0
1884	10,101,004	25,575	46	197	219,587	51,274	1.8	7.7	4.6	19.5
1885	9,791,874	25,946	39	147	251,074	66,611	1.5	5.7	4.0	15.0
1886	9,246,435	25,846	52	171	177,816	54,073	2.0	6.6	5.6	18.5
1887	10,278,890	26,804	41	180	250,905	57,105	1.5	6.7	4.0	17.5
1888	11,855,188	29,410	55	179	215,549	66,230	1.9	6.1	4.7	15.1
1889	11,597,963	30,076	42	201	276,142	57,701	1.4	6.7	3.6	17.3
1890	12,638,364	28,574	53	294	238,460	42,988	1.9	10.3	4.2	23.4
1891	15,660,698	32,951	60	367	261,012	42,672	1.9	11.1	3.9	23.4
1892	17,862,276	33,632	57	370	313,373	48,276	1.7	11.0	3.2	20.7
1893	19,949,564	35,390	69	403	289,124	49,502	1.9	11.4	3.5	20.2
1894	17,113,576	38,477	72	521	237,690	32,848	1.9	13.5	4.2	30.4
1895	17,735,864	38,630	75	605	236,478	29,315	1.9	15.7	4.2	34.1
1896	19,786,626	37,032	77	672	256,969	29,444	2.1	18.1	3.9	34.0
1897	20,072,758	33,788	69	518	290,909	38,750	2.0	15.3	3.4	25.8
1898	18,599,299	35,026	75	438	247,991	42,464	2.1	12.5	4.0	23.5
1899	23,434,445	36,901	84	597	278,981	39,254	2.3	16.2	3.6	25.5
1900	25,153,929	39,384	94	611	267,559	41,168	2.4	15.5	3.7	24.3
1901	26,635,319	44,143	99	422	269,549	63,235	2.2	9.6	3.8	15.8
1902	30,021,300	46,003	99	406	303,245	73,944	2.2	8.8	3.3	13.5
1903	34,955,400	49,814	156	410	224,073	85,257	3.1	8.2	4.5	11.7
1904	37,077,897	54,774	157	507	236,165	73,132	2.9	9.3	4.2	13.7
1905	37,183,374	59,230	199	535	185,852	69,502	3.4	9.0	5.4	14.4
1906	38,317,581	62,283	155	480	247,210	79,828	2.5	7;7	4.0	12.5
1907	47,798,621	66,714	165	636	289,689	75,155	2.5	9.5	3.5	13.3
1908	49,272,436	70,841	183	819	269,248	60,162	2.6	11.6	3.7	16.6
1909	49,163,710	72,733	213	894	230,816	54,993	2.9	12.3	4.3	18.2
1910	48,717,853	74,634	406	742	119,995	65,657	5.4	9.9	8.3	15.2
1911	50,165,099	77,410	157	709	319,523	70,755	2.0	9.2	3.1	14.2
1912	57,514,240	79,411	180	800	315,524	71,893	2.3	10.7	3.1	13.9
1913	61,846,204	79,497	175	1,025	353,407	60,338	2.2	12.9	2.8	16.2
1914	60,715,795	80,035	159	1,079	381,860	56,691	2.0	13.4	2.6	17.6

1915	57,601,694	75,607	180	1,013	320,009	56,870	2.4	13.4	3.1	17.6
1916	63,673,530	75,919	165	1,305	385,900	48,792	2.2	17.2	2.6	20.5
1917	78,983,517	80,893	207	1,634	381,563	48,338	2.6	20.2	2.6	20.7
1918	89,979,469	91,372	259	2,161	347,411	41,638	2.8	23.7	2.9	24.0
1919	75,099,784	90,897	208	2,620	361,057	28,664	2.3	28.8	2.8	34.9
1920	73,920,653	88,192	181	3,571	408,401	20,700	2.5	40.5	2.4	48.3
1921	80,121,948	95,763	222	4,327	360,910	18,517	2.3	45.2	2.8	54.0
1922	63,276,827	98,090	159	3,879	397,962	16,315	1.6	39.5	2.5	61.3
1923	75,514,095	103,566	161	3,615	469,032	20,889	1.6	34.9	2.1	47.9
1924	72,308,665	99,765	184	3,895	392,982	18,565	1.8	39.0	2.5	53.9
1925†	103,186,166	81,684	183	4,712	563,859	21,713	2.4	57.7	1.8	46.0
1926	69,813,255	77,732	165	3,083	423,111	22,642	2.1	39.7	2.4	44.2
1927	46,949,700	78,572	106	1,398	442,922	33,583	1.3	18.0	2.3	29.8
1928	56,211,082	65,508	139	2,176	404,396	25,832	2.1	33.2	2.5	38.7
1929	61,127,759	58,596	109	2,392	560,805	25,556	1.9	40.8	1.8	39.1
1930	54,035,116	56,011	112	1,837	482,456	29,415	2.0	32.8	2.1	34.0
1931	45,152,623	53,550	90	1,530	501,696	29,512	1.7	28.6	2.0	33.9
1932	34,120,786	51,554	114	951	299,305	35,879	2.2	18.4	3.3	27.9
1933	38,320,125	48,464	71	1,197	539,720	32,013	1.5	24.7	1.9	31.2
1934	41,724,078	48,499	86	1,122	485,164	37,522	1.8	23.1	2.1	26.9
1935	45,013,278	49,100	82	1,225	548,907	36,743	1.7	24.9	1.8	27.2
1936	51,475,899	49,142	93	1,145	553,504	44,957	1.9	23.3	1.8	22.2
1937	54,432,255	46,580	82	1,023	631,714	51,253	1.8	22.0	1.5	18.8
1938	42,387,368	43,420	85	816	504,612	51,945	2.0	18.7	2.0	19.3
1939	47,627,454	40,909	80	837	595,343	56,903	2.0	20.5	1.7	17.6
1940	51,871,704	38,019	83	774	624,603	67,008	2.2	20.4	1.6	15.0
1941	55,365,835	37,587	92	830	601,801	71,532	2.4	22.0	1.7	15.0
1942	65,746,204	36,041	94	983	710,066	66,883	2.6	27.3	1.4	15.0
1943	73,344,761	32,852	97	1,175	756,399	62,412	3.0	35.8	1.3	16.0
1944	77,400,031	32,019	87	1,285	889,655	60,233	2.7	40.1	1.1	16.6
1945	73,446,930	31,109	75	1,260	979,292	58,291	2.4	40.5	1.0	17.2
1946	63,767,082	32,476	61	1,001	1,045,362	63,703	1.9	30.8	1.0	15.7
1947	68,325,241	32,686	204	1,203	385,979	26,098	6.2	36.8	3.0	17.6
1948	66,166,805	32,924	68	796	973,041	83,124	2.0	24.2	1.0	12.0
1949	47,630,380	31,434	38	565	1,253,431	84,301	1.2	18.0	.8	11.9
1950	57,282,303	31,067	45	557	1,272,940	102,841	1.4	18.0	.8	9.7
1951	54,869,679	29,329	154	560	356,297	97,981	5.2	19.1	2.8	10.2
1952	45,752,588	23,821	31	441	1,475,890	103,747	1.3	18.5	.7	9.6
1953	45,966,114	18,945	28	399	1,641,647	115,203	1.5	21.1	.6	8.7
1954	41,775,752	16,665	23	323	1,816,337	129,337	1.4	19.4	.55	7.7
1955	45,711,555	13,623	18	266	2,539,531	171,848	1.3	19.5	.39	5.8
1956	47,804,040	12,936	20	284	2,390,202	168,324	1.5	22.0	.42	5.9
1957	46,682,889	12,781	21	217	2,222,995	215,129	1.6	17.0	.45	4.6
1958	43,777.130	11,386	9	197	4,864,125	222,219	0.8	17.3	.21	4.5
1959	45,374,626	10.897	10	194	4,537,463	233,890	0.9	17.8	.22	4.3
1960	45,820,632	10,533	10	167	4,582,063	274,375	0.9	15.8	.22	3.6
1961	45,132,526	8,945	7	158	6,447,503	285,649	0.8	17.7	.15	3.5
1962	48,353,913	8,774	20	196	2,417,696	246,704	2.3	22.3	.41	4.0
1963	51,642,431	8,891	16	195	3,227,652	264,833	1.9	21.9	.31	3.8
1964	54,834,488	9,079	9	207	6,092,720	264,901	1.0	22.7	.16	3.8
1965	58,232,480	8,790	13	218	4,479,421	267,121	1.5	24.8	.22	3.7
1966	63,212,697	8,994	* 9	214	7,023,633	295,386	1.0	23.8	.14	3.4

III LABOR AND EMPLOYMENT—TABLE 18—Concluded

Year	Tons mined	Number employed	Accidents		Tons mined to one man		Accidents			
							Per 1,000 employed		Per 1,000,000 tons mined	
			Fatal	Non-fatal	Killed	Injured	Fatal	Non-fatal	Fatal	Non-fatal
1967	64,814,771	8,805	20	216	3,240,739	300,068	2.3	24.5	.31	3.3
1968	62,143,076	9,538	15	219	4,142,872	283,758	1.6	23.0	.24	3.5
1969	64,832,584	9,591	12	229	5,402,715	283,112	1.3	24.1	.19	3.6
1970	64,884,103	10,214	15	272	4,325,607	238,544	1.5	26.6	.23	4.2
Average-89 years	46,993,001	43,610	97	958	484,127	49,043	2.23	22.0	2.07	20.4

† July 1, 1924 to December 31, 1925.
Note—From 1882 to 1890 only net tons are shown.
* 1 man injured 12/30/65 Died 1/17/66

III LABOR AND EMPLOYMENT—TABLE 19—FATAL ACCIDENTS BY OCCUPATION AND CAUSES, 1970

Occupation	Underground							In shaft				On surface				
	Fall of roof and slides	Machinery	Haulage	Electricity	Mine fires	Other causes	Total	Falling down shaft	Cage	Other causes	Total	Machinery	Railway cars	Other causes	Total	Grand Total
Boring Machine Operator	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	1
Driller	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1
Laborer	1	...	...	1	...	...	2	...	...	...	...	1	...	1	2	4
Loading Machine Operator	...	1	1	...	...	...	2	...	...	...	...	...	...	...	...	2
Mechanic	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1
Mine Examiner	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
Motorman	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
Oiler	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1
Repairman	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1
Tractor Operator	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	1
Truck Driver	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1
Total	3	2	2	1	...	...	8	...	...	...	...	2	...	5	7	15

III LABOR AND EMPLOYMENT—TABLE 20—CAUSES OF FATAL ACCIDENTS BY YEARS—1882-1970

Year	Total number killed	Underground							In shaft				On surface			
		Fall of roof and slides	Gas explosions	Haulage	Electricity	Explosives	Other causes	Total	Falling down shaft	Cage	Other causes	Total	Machinery	Railway cars	Other causes	Total
1882	40	26	...	...	...	5	9	40	...	...	...	...	...	...	...	...
1883	134	40	12	2	...	2	78	134	...	...	...	...	...	...	...	...
1884	46	29	4	...	...	6	7	46	...	...	...	...	...	...	...	...
1885	39	20	...	...	...	...	19	39	...	...	...	...	...	...	...	...
1886	52	32	...	5	...	10	...	47	1	...	4	5	...	...	...	...
1887	41	28	...	...	...	...	13	41	...	...	...	...	...	...	...	...
1888	54	33	...	6	...	9	...	48	4	2	...	6	...	...	...	...
1889	42	26	...	5	...	3	1	35	2	4	1	7	...	...	...	...
1890	52	36	5	3	...	4	...	48	...	4	...	4	...	...	...	...
1891	58	33	4	2	...	11	1	51	1	4	2	7	...	...	...	...
1892	56	28	3	6	...	4	3	44	8	4	...	12	...	...	...	...
1893	68	48	2	2	...	6	2	60	3	4	1	8	...	...	...	...
1894	70	43	...	6	...	8	...	57	5	8	...	13	...	...	...	...
1895	75	38	5	6	...	12	2	63	5	4	1	10	1	1	...	2
1896	77	41	2	9	...	9	2	63	6	5	...	11	1	1	1	3
1897	69	46	2	1	...	11	...	60	6	...	1	7	1	1	...	2
1898	75	43	7	3	...	11	2	66	4	2	...	6	1	1	1	3
1899	84	51	5	6	...	6	6	74	4	5	...	9	...	1	...	1
1900	94	51	1	11	...	20	...	83	1	4	2	7	2	2	...	4
1901	99	57	1	14	...	20	3	95	1	1	...	2	...	...	2	2
1902	99	55	...	15	...	17	1	88	7	2	...	9	...	...	2	2

III LABOR AND EMPLOYMENT—TABLE 20—Concluded

Year	Total number killed	Underground							In shaft				On surface			
		Fall of roof and slides	Gas explosions	Haulage	Electricity	Explosives	Other causes	Total	Falling down shaft	Cage	Other causes	Total	Machinery	Railway cars	Other causes	Total
1903	156	77	8	18	1	41	2	147	2	6	...	8	...	...	1	1
1904	157	65	...	21	1	44	3	134	10	4	...	14	6	2	1	9
1905	199	80	59	11	1	32	3	186	5	6	1	12	...	1	...	1
1906	155	84	2	22	...	22	1	131	9	5	1	15	3	4	2	9
1907	165	84	4	29	1	25	2	145	6	8	...	14	...	4	2	6
1908	183	91	7	35	1	29	1	164	3	1	3	7	4	8	...	12
1909	213	84	44	30	2	29	1	190	5	4	1	10	3	8	2	13
1910	406	65	20	23	3	17	258	386	3	6	...	9	3	5	3	18
1911	157	80	8	40	1	10	4	143	5	2	2	9	...	2	3	1
1912	180	98	3	38	3	13	12	167	6	3	...	9	...	2	2	5
1913	175	81	10	50	6	10	5	162	5	4	1	10	...	2	1	4
1914	159	83	6	40	6	6	7	148	2	1	...	3	...	4	4	3
1915	180	57	68	27	2	9	12	175	1	...	2	3	...	2	...	8
1916	165	80	12	43	4	13	1	153	4	...	...	4	2	6	...	2
1917	207	77	19	67	7	12	3	185	...	4	1	5	5	9	3	18
1918	259	100	27	70	13	20	4	234	8	8	2	18	...	4	3	7
1919	208	93	31	51	7	12	1	195	4	4	2	10	...	2	1	7
1920	181	91	7	41	14	9	5	167	8	2	...	10	1	2	1	3
1921	222	112	6	54	9	20	8	209	2	4	...	6	1	4	2	4
1922	159	71	15	29	8	17	7	147	2	1	3	6	...	5	1	7
1923	161	82	2	40	6	13	6	149	3	1	1	5	...	4	3	6
1924	184	76	40	37	5	10	8	176	2	...	2	4	2	2	...	7
1925	183	89	5	46	12	11	9	172	1	2	...	3	3	3	2	4
1926	165	85	13	39	5	7	4	153	7	1	1	9	1	1	1	8
1927	106	44	17	18	5	5	8	97	3	1	...	4	2	2	1	3
1928	139	72	23	21	2	6	5	129	1	1	...	2	1	4	3	5
1929	109	52	8	24	5	6	5	100	1	2	...	3	2	2	2	6
1930	112	72	4	20	3	2	5	106	...	1	...	1	1	2	2	5
1931	90	54	2	15	6	2	5	84	...	4	...	4	...	1	1	2
1932	114	33	54	10	...	4	4	105	...	...	...	...	...	4	5	9
1933	71	45	1	12	3	3	3	67	3	...	...	3	...	1	...	1
1934	86	48	...	18	5	2	5	78	...	...	...	...	3	...	5	8
1935	82	34	1	17	3	3	15	73	2	1	...	3	1	1	4	6
1936	93	54	...	12	1	2	16	85	...	...	...	...	2	...	6	8
1937	83	45	2	17	2	...	9	75	...	...	...	...	2	...	5	7
1938	85	41	5	16	1	5	6	74	1	...	...	1	1	4	5	10
1939	80	47	...	20	4	1	3	75	...	...	...	1	1	1	2	4
1940	84	45	1	17	2	1	9	75	...	1	...	1	1	2	4	7
1941	92	45	11	13	4	8	7	88	1	...	...	1	2	1	...	3
1942	94	47	...	19	2	3	9	80	...	...	...	...	...	...	14	14
1943	97	47	1	27	2	5	3	85	1	...	1	2	2	3	5	10
1944	87	57	...	19	4	2	1	83	...	...	1	...	3	...	...	3
1945	75	40	...	15	3	5	...	63	2	...	1	3	5	2	2	9
1946	61	31	...	16	...	2	7	56	2	...	...	2	...	1	2	3
1947	204	30	141	18	2	1	...	192	1	...	...	1	2	4	5	11
1948	68	40	...	14	1	1	2	58	1	1	1	3	2	...	5	7
1949	38	30	...	...	...	...	4	34	...	...	...	...	...	2	2	4
1950	45	24	...	11	2	1	2	40	...	...	...	...	1	1	3	5
1951	154	19	119	5	...	1	3	147	...	...	...	...	1	2	4	7
1952	31	15	...	8	2	...	1	26	...	...	...	...	...	1	4	5
1953	28	16	...	6	...	...	1	23	...	...	...	...	...	3	2	5
1954	23	9	...	6	...	...	1	16	3	...	...	3	1	1	2	4
1955	18	8	...	4	1	1	1	15	...	...	...	...	1	2	...	3
1956	20	10	...	7	...	...	2	19	...	...	...	...	...	...	1	1
1957	21	14	...	2	...	...	2	18	...	...	...	...	1	1	1	3
1958	9	4	...	...	...	...	1	5	...	1	...	1	...	...	3	3
1959	10	6	...	...	...	...	1	7	...	...	...	...	...	1	2	3
1960	10	2	...	1	...	...	1	4	...	...	...	...	2	1	3	6
1961	7	3	...	1	1	...	...	5	...	...	...	...	1	1	...	2
1962	20	4	11	1	...	...	1	17	...	...	...	...	2	...	1	3
1963	16	8	...	...	...	...	4	12	...	...	...	...	2	1	1	4
1964	9	3	...	...	...	...	4	7	...	...	...	...	...	1	1	2
1965	13	4	...	...	...	...	2	6	1	...	...	1	2	...	4	6
1966	* 9	5	...	...	...	...	...	5	...	...	...	...	1	1	2	4
1967	20	4	...	1	3	...	3	11	...	...	...	...	5	2	2	9
1968	15	5	...	1	...	...	2	8	1	...	...	1	...	6	...	7
1969	12	1	...	1	...	...	2	4	...	...	...	...	2	2	4	8
1970	15	3	...	2	1	...	2	8	...	...	...	...	2	...	5	7

* 1 Man Injured 12-30-65, Died 1-17-66.

III LABOR & EMPLOYMENT—TABLE 21—COMPARATIVE STATISTICS OF FATAL ACCIDENTS FOR THE PERIOD 1961 TO 1970 INCLUSIVE AND TONS MINED TO ONE MAN KILLED

Year	Fatals	Tons mined	Tons mined to one man killed	Year	Fatals	Tons mined	Tons mined to one man killed
1961	7	45,132,526	6,447,503	1966	9	63,212,697	7,023,633
1962	20	48,353,913	2,417,696	1967	20	64,814,771	3,240,739
1963	16	51,642,431	3,227,652	1968	15	62,143,076	4,142,872
1964	9	54,834,488	6,092,721	1969	12	64,832,584	5,402,715
1965	13	58,232,480	4,479,421	1970	15	64,884,103	4,325,607
TOTALS	65	258,195,838	3,972,243	TOTALS	71	319,887,231	4,505,453

III LABOR AND EMPLOYMENT—TABLE 22—FATAL ACCIDENTS—1970

County	Date of injury	Date of death	Name	Residence	Age	Married	Single	Widow	Children	Dependents	Name of Operator and number or letter of mine	Occupation	Cause of death
Gallatin	2/3/70	2/9/70	Levittes Smith	Shawneetown	47	X	..	..	6	7	Peabody Coal Co., Eagle #1	Repairman	Crushed between cars.
Gallatin	3/2/70	3/2/70	Ben Newton	Eldorado	46	X	..	..	..	1	Peabody Coal Co., Eagle #2	Examiner	Rock Fall
Gallatin	4/28/70	4/28/70	Harry K. Borum	Eldorado	26	X	..	..	1	2	Peabody Coal Co., Eagle #1	Laborer	Electricity
Gallatin	6/4/70	6/4/70	Raymond L. Baker	Eldorado	39	X	..	..	3	4	Peabody Coal Co., Eagle #1	Loading Machine Operator	Machinery
Fulton	6/5/70	6/5/70	Henry Etter	Cuba	60	X	..	..	..	1	United Electric Coal Co., #9	Utility Truck Driver	Machinery
Fulton	6/8/70	6/8/70	Donald Courtney	Farmington	58	X	..	..	..	1	Peabody Coal Co., Bright Star	Tractor Operator	High Wall Slide
St. Clair	6/13/70	6/13/70	Albert Kloth	Marissa	41	X	..	..	2	3	Peabody Coal Co., River King	Oiler	Oil Fire
Fulton	6/15/70	6/27/70	Richard A. Shaw	Cuba	35	X	..	..	3	4	United Electric Coal Co. #17	Mechanic	Lost Control of tractor & went over embankment
Franklin	7/28/70	7/28/70	Carl Gant	Benton	57	X	..	..	3	4	Freeman Coal Mining Corp. #5	Bottom Laborer	Rib Fall
Fulton	8/14/70	8/14/70	William Fernetti	Bryant	45	X	..	..	1	2	Truax-Traer Coal Co., Norris	Truck Driver	Collision on Haulage road
Jefferson	8/8/70	8/8/70	Russell Roberson	Sesser	21	..	X	..	..	..	Freeman Coal Mining Corp., #6	Construction Laborer	Entangled in Conveyor belt
Williamson	8/27/70	8/27/70	Ronald E. Evetts	Creal Springs	32	X	..	..	1	2	Harrisburg Coal Co., #1	Motorman	Haulage
Christian	10/23/70	10/24/70	Aime DuPont	Taylorville	67	X	..	..	..	1	Peabody Coal Co., #10	Loading Machine Operator	Haulage
Perry	11/13/70	11/13/70	Urban L. Bixby	Pinckneyville	59	X	..	..	..	1	Truax-Traer Coal Co. #2	High Wall Driller	High wall fell on him.
Franklin	11/30/70	11/30/70	Alvis Whaley, Sr.	West Frankfort	64	X	..	..	..	1	Old Ben Coal Corp. #24	Machine Operator	Caught between machine & coal rib.

SUMMARY OF FATAL ACCIDENTS
1970

Mr. Levittes Smith, age 47, married, 6 dependent children was fatally injured on February 3, 1970, and died of his injuries on February 9, 1970 at 1:40 a.m. at the Ferrell Hospital, Eldorado, Illinois from a crushed pelvis, both hips broken, left leg broken and internal bleeding while in the performance of his duties as a repairman at the Peabody Coal Cos., Eagle Mine #1, Shawneetown, Gallatin County, Illinois, where he had been employed for about 3 years.

Mr. Smith and Mr. John Holland were working on a Torkar S Car in the #10 room, 3rd west off the 1st north. Mr. Smith was in a sitting position with both legs crossed under him working on the Tork convertor. The #11 room, which was parallel to the #10 room, was being used as a haulage road to the loading station. The shuttle car driver was coming from the face with a loaded car down the #11 room when he turned one crosscut too soon into the #10 room heading directly toward the parked Torkar, and caught Mr. Smith between the two cars. The Torkar, which was being driven, did not have lights operating at the time of this accident. Mr. Smith was given first aid, put on a stretcher, and taken by ambulance to the Ferrell Hospital in Eldorado where he was placed on the critical list until his death.

Mr. Ben Newton, age 46, married, no dependent children, came to his death at 2:40 p.m. on March 2, 1970 from injuries accidentally received when his left side was crushed from a rock fall received at the Peabody Coal Co., Eagle Mine #2, Shawneetown, Gallatin County, Illinois while he was in the performance of his duties as a Mine Examiner where he had been employed for 364 days.

Mr. Newton was in the performance of his duties as a Mine Examiner examining the 4th Main East. There were three falls of coal in the 4th Main East. The two crosscuts were in one cut each. There were five bolts in the last row, toward the face and a regular pattern of bolts outby. Mr. Newton had been on top of the fall of coal in the straight 4th Main East, when draw rock fell from the last row of bolts inby and feathered out at the face and also the right side. The fall of rock measured 10′ x 16′ across and a piece 8½′ x 4½′ x 8″ thick broke off of the outby end, covering Mr. Newton with the exception of his right arm. The rock had to be jacked up off of Mr. Newton before he could be removed.

Mr. Harry K. Borum, age 26, married, 1 dependent child, came to his death at about the hour of 2:25 p.m. on the first shift of April 27, 1970 at the Peabody Coal Co., Eagle Mine #1, Shawneetown, Gallatin County, Illinois while in the performance of his duties as a laborer when he came in contact with an electric cable. He had been employed at this mine, 1 year 4 months, and 19 days.

Mr. Borum, a laborer, was fatally injured by an electrical shock he received while handling a 440 volt, three phase four conductor cable, size 10-4, taking power from the distribution box to the battery charger. He was working at the loading station in the 3rd North, off the Main East. The shuttle car driver, Mr. Sam Witherspoon, had stopped his shuttle car to hang the cables which were lying on the 3rd North roadway, 22 feet from the loading station. Mr. Borum told him to come ahead and that he would take care of the cables. Mr. Borum put the cables in the middle hanger and stepped clear of the shuttle car as it came by him, holding the cables up as Mr. Witherspoon drove on to the loading station. Mr. Borum had put the cables into the second hanger at the edge of the roadway, and was holding on to the cables trying to get them in the next hanger, when his left hand came in contact with a bare conductor, fifteen or sixteen inches long on the battery charger cables. Ten minutes prior to the accident it was observed by the repairman, Mr. John Tucker, that Mr. Borum's shoes were wet and his clothes dripping with perspiration.

There is no doubt that Mr. Borum's back was against the roof, and his other hand touching a roof bolt plate; thereby Mr. Borum served as a direct ground to the power being carried on one conductor of a three phase cable. Mr. Borum cried out as Mr. Whitherspoon had started to unload the shuttle car. Mr. Cecil Newcom, the foreman, came from the 4th North and pulled Mr. Borum loose from the power while Mr. Sam Witherspoon ran to the power distribution box to pull the power. Mr. Borum was given mouth to mouth resuscitation, and a Pneolator Resuscitator was put on him as he was being taken out of the mine. He was taken to the Ferrell Hospital at Eldorado and pronounced dead on arrival by Dr. Denton Ferrell.

Mr. Raymond L. Baker, age 39, married, 3 dependent children came to his death at 10:45 p.m. on June 4, 1970 from injuries sustained in an accident that occurred on the second shift at 9:40 p.m. of the Peabody Coal Co., Eagle Mine #1, Shawneetown, Gallatin County, Illinois while he was in the performance of his duties as a Joy Operator.

Mr. Baker, a loading machine operator, had finished loading the #37 room in the 7th South Panel off the Main East. He had started moving the Joy loading machine to the other end or to the #31 room.

The roof bolter was bolting the crosscut between the #36 and #37 rooms. Mr. Baker was moving through the #36 room, and Mr. Ralph Maggard, the roof bolter on the left side was putting the last pin in the crosscut. As Mr. Baker started through the #36 room with the pinner still working in the crosscut off the #36 room, Mr. Donald Davis, the roof bolter standing next to the tail of the bolter was holding the cable up, while Mr. James Williams, the Joy helper, was holding it up next to the rib off of the #36 room. The room at this point was 20 feet wide and the crosscut 18 feet wide, however, this space was cut to 11 feet 3 inches, due to the presence of the roof bolter. The right rib also had an overhang ranging from 8 inches at the center of the coal seam to 2 feet, 8 inches at the top. Mr. Baker was caught between the right rib of the #36 room and pulled loose from the controller on to the tram motor approximately 5 feet back from the controller of the machine. The loading machine continued moving without anyone at the controls until Mr. James Williams, the Joy helper, reached the controls and stopped the machine as it came up past the rib. Mr. Baker was put on a stretcher and sent to the Doctors Hospital at Harrisburg, Illinois, where he was pronounced dead on arrival at 10:45 p.m. June 4, 1970.

Mr. Henry Etter, age 60, married, no dependent children came to his death at 3:15 p.m. on June 5, 1970 from crushing injuries received in an accident at the United Electric Coal Cos., Mine #9, Cuba, Fulton County, Illinois. Mr. Etter had worked at this mine for 26 years. He was pronounced dead at the scene of the accident by an attending Physician. He was employed at this mine as a Utility Truck Driver.

Mr. Etter was crushed underneath a log mat measuring 18 feet long, 17 feet wide, 2 feet thick and weighing approximately 8 tons. The log mats were being used under the crawlers for ground support of a 950-B stripping shovel being traveled overland to a new stripping pit opened in the No. 6 coal seam. After two weeks of travel the machine had arrived at the entrance to the No. 6 pit and before moving into the pit it was decided to dig a water sump between the mats traveled over the pit highwall at the rear of the machine. The shovel operator swung the digging bucket around to the rear of the machine to dig the sump. Some passes were made and then the heel of the digging bucket caught on the second mat laying at the rear of the machine alongside of the sump hole, pushing this end of the mat downwards causing the other end of the mat to tilt upwards, and causing Mr. Etter, who was standing on the other end, to become unbalanced, and fall, striking the edge of the next stationary mat. He apparently rolled underneath the tilted mat, and the operator of the shovel not observing what had happened at the other end of the mat, continued the digging cycle. This released the mat caught under the heel of the bucket permitting the tilted mat to fall into its original position on Mr. Etter, who was on the ground underneath the falling mat.

The deceased man was not one of the crew engaged in the moving of the machine but had arrived a short time earlier, parked his truck about 50 feet up the haulage road grade, and walked down behind the machine and was standing on the end of the traveled mat out of view of the shovel operator, watching the digging of the sump at the rear of the machine. All other members of the moving crew were in front of the machine and did not observe the accident. The only witness to the accident was the Master Mechanic, Donald Tippy, who was standing up the grade of the road traveled over behind the machine. He raised the alarm and he and others hooked on the lifting cable of the mat with the shovel and raised the mat off of Mr. Etter. Mr. Etter was examined by an attending Physician and pronounced dead at the scene.

Mr. Donald Courtney, age 58, married, no dependent children who was employed by the Peabody Coal Co. at the Bright Star Mine, Fairview, Fulton County, Illinois as a tractor operator, received injuries resulting in his death on June 8, 1970 at 3:35 p.m. while performing duties assigned to him by the pit foreman. The foreman had requested Mr. Courtney to take the D-8 caterpillar tractor he was using to level spoil bank areas to the end of the 10-50 pit to cut a travel ramp grade from the surface ground level to the pit coal seam level, which he was doing at the time of the accident. The ramp grade was approximately 250 feet long being cut down through virgin soil and was nearly completed. About half way down the grade, where Mr. Courtney's tractor was traveling alongside of the grade wall, (which was at this point 12 feet below the surface level) a section of the walls topsoil broke loose. It rolled down striking Mr. Courtney, apparently causing the injuries resulting in his death.

The coal loading crew, working some distance away in the pit, observed that something had occurred on the grade and went to investigate and found Mr. Courtney on the seat of the tractor with some loose dirt around his legs and the lower part of his body. Mr. Courtney was breathing so they removed him from the machine and administered oxygen, however, he did not respond and was later pronounced dead at the scene by a physician who had been called.

The failure to slope the grade wall at a sufficient angle to prevent possible breaking and sliding, and the absence of a protective cover over the operators seat were apparently contributing factors to the injuries which caused the mans death.

Mr. Albert Kloth, age 41, married, 2 dependent children, employed as an Oiler on the 3850 B shovel at the Peabody Coal Co., River King Strip Mine, Lenzburg, St. Clair County, Illinois came to his death from suffocation due to burns of 1st and 2nd degree of his entire body while in the performance of his duties, on June 13, 1970 at approximately 2:30 a.m.

Henry Schneider, shovel operator, stated that he was in the operator's cab when he heard the noise and saw the fire. He was unable to get through the fire, so he went to the boom where he stayed until the fire was under control. He stated that Mr. Kloth had told him earlier that he had a leak in the jacks and he and the electrician were going to look for the trouble. David Merrill, electrician, and one of the injured men, stated that Mr. Kloth had just walked by him on his way to the parallel panel controls for the jacks, turned them on and shortly after, the area was filled with an oil mist. He then saw Mr. Kloth immediately de-energize the jacks; at this same time he noticed a flash of fire in the area of the entrance to the cable tray for the #2 crawler's power line. He states that everything burst into flames about that time and he doesn't remember how he got to the ground. He was approximately 40 feet from the victim at the time of the ignition.

After considering evidence collected during our investigation and listening to the information given by the eyewitness, David G. Merrill, it is the opinion that the original cause of the accident is as follows:

Mr. Kloth energized the equalizing jacks, causing the 7500 psi pressure to hit the weak spot at the loose union on the 1 ½″ steel oil line and to throw the oil in a mist over the entire area where the victim was standing. Mr. Kloth immediately de-energized the equalizing jack controls. Due to a fault in the cable to the #2 crawler, this grounded the 440 power cable at the entrance to the cable tray underneath the floor of the lower frame and ignited the mist of oil around the victim. Because air is often present in the jacks, there is a possibility that air as well as oil was escaping under high pressure, and this could be a contributing factor in the ignition of the oil vapors.

Mr. Richard A. Shaw, age 35, married, 3 dependent children, came to his death at 7:16 a.m. on June 27, 1970 at the Graham Hospital in Canton, Illinois of crushing internal chest injuries received June 15, 1970 as a result of a mine accident at the United Electric Coal Cos., Buckheart Mine, Canton, Fulton County, Illinois where he was employed as a mechanic.

Mr. Shaw was bringing the 966 Caterpillar Rubber Mounted Tractor from the North Pit into the shop for repairs. While traveling on the North Pit haulage road, about 2 ½ miles from the shop, Mr. Shaw apparently lost control of the tractor and leaving the haulage road, went over an embankment. The tractor overturned and pinned Mr. Shaw in the enclosed cab. The haulage road, on a slight downgrade, was 50′ wide with 15′ shoulder to the edge of the embankment. Road conditions were excellent and no apparent mechanical malfunctions were found with the steering on the 966. Repairs that were to be made on the 966 tractor were not of a nature that would have affected steering control. Mr. Shaw, as a result of the accident, sustained internal injuries, fractures of right and left ribs, collar bone and left wrist.

Mr. Carl Gant, age 57, married, 3 dependent children came to his death at 5:45 p.m. on July 28, 1970 from injuries sustained in an accident while in the performance of his duties as a bottom laborer at the Freeman Coal Mining Corps., Mine #5, Logan, Franklin County, Illinois.

The accident occurred at the face of the #17 room of the 1st North panel off the Main East. The deceased, Mr. Carl Gant, was standing beside the cutting machine holding a jack pipe when the rib behind him fell off, knocking him against the machine and covering him with rib coal. The fall of rib measured 16 feet in length, 7 feet in height, and approximately 18 inches in thickness. Contributing factors to the accident were a line curtain which had the rib partially hidden from view and a drill hole which had been drilled to straighten the rib but had not been shot. Mr. Gant was immediately taken to the surface and rushed to the Franklin Hospital, where he was pronounced dead on arrival.

Mr. Ronald Dean Evetts, age 32, married, one dependent child, came to his death at 1:40 p.m. from injuries received in an accident that occurred at 11:00 a.m. at the Harrisburg Coal Company while he was in the performance of his duties as a motorman at the Harrisburg Coal Company, Marion, Williamson County, Illinois on August 27, 1970.

Mr. Ronald Dean Evetts was employed at this mine as a mainline motorman. He had left the loading point near the face with a trip of eight loads on his way to the main bottom. When he failed to arrive on time, men from the inside went to look for him. Mr. Frank Hillard and Mr. Larry Evetts, a brother of the deceased, found Ronald approximately 1500 feet from the inside parting. The first load of the trip had passed over his legs. The second load had come to a stop against his left leg. At this time he was unable to tell them what had happened. He was removed from the mine by stretcher and taken to the Marion Memorial Hospital by ambulance. He died at 1:40 p.m.

A piece of rock 32″ x 27″ x 2″ was laying on the bumper of the motor. The trolley pole of the motor was off the trolley wire, but the controller was in a wide open position. Evidence showed that this piece of rock fell out of the roof from between four roof bolts, striking the controller handle and apparently striking Mr. Evetts, knocking him out of the motor cab. A white mark was on the handle of the controller, and it was also bent down against the controller top. Mr. Evetts' body was found 16 feet from where this rock had fallen from the roof.

Mr. William Fernetti, age 45, married, 1 dependent child came to his death on August 14, 1970 at 12:40 p.m. from injuries sustained in a truck collision while in the performance of his duties as a truck driver for the Truax-Traer Coal Company, Norris Mine, Norris, Fulton County, Illinois.

This accident occurred approximately 1 ½ miles south of the mine tipple. A coal haulage truck, driven by Mr. Russell Vandyke, collided with a road water spray wagon, driven by Mr. William Fernetti, who was serving as a substitute driver in the absence of the regular driver on this day. Mr. Vandyke, the only witness to the accident, stated that he was traveling an empty coal truck down the south haulage way to the 55-61 pit to be reloaded in front, and traveling in the same direction. Both trucks were approaching an East intersection to the 58-60 pit. Mr. Vandyke stated that he slowed his truck down assuming that the water wagon might be going to turn onto the East haulage road, however, Mr. Fernetti did not turn, but continued south and in the right lane of travel. Mr. Vandyke then increased his speed to pass the slow moving water wagon, and was almost parallel with the water wagon when Mr. Fernetti for some unknown reason started to pull over into his left lane.

Road conditions and visability was good and the width at this point was approximately 60 feet wide. Mr. Vandyke stated that he pulled to the left to try and avoid a collision, however, the trucks impacted, it appeared, at the rear wheels of the trucks tractor section, causing both trucks to travel left into a ditch 4 feet deep at the left side of the road. Both trucks stopped in an upright position about 12 feet apart. Mr. Vandyke, unhurt in the collision, got out of his truck and went to the water truck where he found Mr. Fernetti laying on his back on the road directly behind the trailer wheels of the water wagon. Another truck driver arrived at the scene and alerted the mine office of the accident and an ambulance and doctor were called. Mr. Fernetti was pronounced dead at the scene by the doctor.

Some damage occurred along the tractor section of the water wagon, however, the door on the drivers side was closed and the drivers cab was intact. The door on the right side was open indicating that Mr. Fernetti, the driver, was thrown or jumped out when the trucks impacted, striking the road and rolled under the truck trailer section where the mechanism under the trailer caught his body causing the injuries which resulted in his death.

Mr. Russell Lee Roberson, age 21, single, no dependents, came to his death at 1 o'clock a.m. on August 8, 1970 as a result of injuries received in an accident which occurred at 12:20 a.m. at the Freeman Coal Cos., Orient #6 Mine. Mr. Roberson was employed as a Construction Laborer with the Roberts and Schaefer Construction Co. for 3 months.

The Roberts & Schaefer Construction Company was installing a dryer approximately 200 feet North of the main preparation plant at the Orient #6 mine. The deceased, Mr. Russell Lee Roberson, was working for the construction company as a laborer. He started at 4 p.m. August 7, and was working overtime on a trial operation of the new transfer belts from the preparation plant to the dryer. A chute had clogged on the 6th floor and the belt was shut down. Two other workers, Larry Odum, and Eddy Brueggemann, came to the 6th floor and the three of them cleared the chute. Mr. Odum and Mr. Brueggeman returned to the 4th floor while Mr. Roberson went to turn the belt on. Very soon afterwards the two men (Odum and Brueggemann) on the 4th floor heard Roberson cry out "I've lost my arm." When they arrived at the scene of the accident, they found Mr. Roberson about 4 feet from the belt take-up roller facing it in a sitting position with his right arm torn away and laying about 2 feet to his right. Mr. Odum picked the injured man up and started for the ground level while Mr. Brueggemann went to the telephone and called for the ambulance and doctor. Julius Gray, truck driver for Freeman Coal Company, joined them on the ground floor and administered first aid until the ambulance left with the injured at 12:45 a.m. He was pronounced dead at 1 o'clock a.m. at the Miners Hospital in Christopher, Illinois by Doctor L. L. Love. There were no witnesses to the accident. The deceased was wearing a cap lamp. The belt take-up roller was 3 feet above the floor level guarded by a 3′-4″ high guard fence, constructed of ¾″ pipe with a 12″ clearance between the belt and the fence. During my investigation of all evidence observed I assumed his arm passed through the 3¾″ opening between the belt take-up roller and the frame structure at the right end of the roller, the possibility being that the belt caught the sleeve at that end. There is also a possibility that he tripped and fell into the guard rail causing his clothing and arm to come in contact with the belt and belt roller.

Mr. Aime DuPont, age 67, married, no dependent children, came to his death on October 24, 1970 at 6:30 p.m. from injuries sustained in an accident that happened at 11:50 p.m. on October 23, 1970 at the Peabody Coal Co., Mine #10, Pawnee, Christian County, Illinois where he was employed as a loading machine operator.

Mr. DuPont came below with the foreman and two supply men about 11:40 p.m. This was a habit of his. On occasions when one of the supply men was not there he would help make up the mantrips. Mr. DuPont went to where the mantrip was to wait for the other men to come down. For some reason he tried to move the mantrip from where it was stationed and was rolled by the mantrip car about 33 feet. The motor and mantrip car was found some 138 feet from where it was stationed with the controller on the 3rd point and the pole off the trolley because this was at the end of the trolley on this side. Evidently he was not in the cab of the motor when he was trying to move it, however, there was no eyewitness to this accident. Mr. DuPont suffered multiple internal injuries and compound fractures to both legs. He died in St. Vincent's Memorial Hospital the next morning, 6:30 a.m., October 24, 1970.

Mr. Urban Lester Bixby, age 59, married, no dependent children came to his death on November 13, 1970 from an accident received while in the performance of his duties as a highwall driller for the Truax-Traer Coal Co., Div. Consolidation Coal Co., Burning Star Mine #2, Pinckneyville, Perry County, Illinois, at 4:50 a.m.

There were three employees assigned to the 50 R Highwall Drill which was drilling overburden from a ten foot bench cut leaving a ten foot vertical highwall on the east side of the drill. At the time of this accident, Art Crain, Harold McCollum and pit foreman, Dave Lidwell were in the drill shanty which is a shelter to protect employees from unfavorable weather. The shanty was located on the cut about 100 feet from the drill where the accident occurred. As a result of this, Mr. Bixby was operating the highwall drill by himself. To find Mr. Bixby out of the cab of the drill, it was assumed by all that a malfunction had occurred in the clutch mechanism and he went out to make a minor adjustment to it. This had happened several times before and it took very little effort to make it operate correctly.

Even though there were no eyewitnesses to this accident it is possible to assume by the visual evidence, that Mr. Bixby was in the vicinity of the clutch, and a section of the highwall, approximately 10 feet long, 10 feet high, and 2½ feet thick rolled over crushing him into the metal cab of the highwall drill, causing immediate death.

Dr. Stotlar and Coroner West were summoned to the scene of this accident and Mr. Bixby was pronounced dead prior to being placed into the Pyatt ambulance. Mr. Bixby was then taken directly to Pyatt Funeral Home in Pinckneyville, Illinois.

Mr. Alvis Whaley, Sr., age 64, married, no dependent children was fatally injured November 30, 1970 at 7:55 p.m., at the Old Ben Coal Corporation Mine #24, Benton, Illinois.

The fatal accident occurred after the #16 room had been driven from the 31st South and a crosscut turned. The machine was moved from the #16 room out of the 31st South for a distance of 72 feet and into the 90 degree crosscut between the 31st South and 32nd South and opposite Room #14, off of which a diagonal was to be driven to intersect the crosscut from #16 room. Mr. Whaley's first attempt to back the machine into the 90 degree crosscut failed and he moved the machine forward to reposition. This time he was able to tram into the crosscut but without providing sufficient clearance for himself.

Mr. Lloyd Stout, Foreman, Mr. Robert Hines, Roof Bolt Machine Operator, Mr. Troy Simpson, Shuttle Car Operator, Mr. Walter Norcross, and Mr. Ivan Harris, Repairmen, were in the vicinity of the accident. After the top trim chain bar had cleared the cable, Mr. Stout and Mr. Hines retreated through the crosscut outby in an effort to reach the other end of the machine. They were walking up the 32nd South toward the machine when they heard the machine conveyor start. As this was an unusual occurrence when not mining, the men in the area realized something might be wrong. Mr. Norcross called to Mr. Simpson to investigate. Upon arriving at the location, Mr. Simpson found the deceased was caught between the machine and coal rib. Mr. Kenneth Patterson, the other machine operator, returned from lunch and moved the machine away from the rib releasing the deceased. Mr. Patterson found the tram and conveyor controls in the neutral position. Mr. Whaley was placed on a stretcher and transported to the surface where Dr. L. L. Love and the ambulance were waiting.

III LABOR & EMPLOYMENT—TABLE 23—WORKING TIME-ALL MINES

	Average days worked			
	1969	1970	Increase (+) Decrease (−)	Percent of Increase (+) Decrease (−)
All Mines	206	206	....	....

III LABOR & EMPLOYMENT—TABLE 24—EMPLOYEES-ALL MINES

	Number employed		Gain (+) Loss (−)	Percent of Gain (+) Loss (−)
	1969	1970		
All Mines	9,591	10,214	+ 623	+ 6.1

IV MECHANIZATION—TABLE 25—MACHINE MINING FOR THE PERIOD 1928 TO 1970 INCLUSIVE, ALL MINES

Year	Entire output			Part of output			Total			Per cent of	
	Mines	Machines	Tons	Mines	Machines	Tons	Mines	Machines	Tons	Mines	Tons
1928	84	1,245	25,134,248	55	813	19,506,953	139	2,058	44,641,201	67.5	82.2
1929	92	1,324	31,883,147	47	665	18,476,517	139	1,989	50,359,664	69.5	85.2
1930	90	1,100	26,629,055	37	506	13,082,958	127	1,606	32,712,013	68.6	62.9
1931	85	1,103	28,190,836	36	282	5,425,234	111	1,385	33,616,070	66.5	78.0
1932	81	989	19,599,599	21	155	2,986,486	102	1,144	22,586,085	53.0	71.9
1933	79	905	25,237,315	15	109	2,015,606	94	1,014	27,252,921	59.1	77.0
1934	87	929	27,231,330	14	113	2,411,683	101	1,042	29,733,013	58.7	76.9
1935	88	903	28,985,205	15	107	2,144,948	103	1,010	31,130,153	56.5	75.2
1936	93	981	32,700,420	15	81	3,127,236	108	1,062	35,827,656	61.4	78.8
1937	90	884	33,816,349	13	43	740,231	103	927	34,031,392	61.3	64.9
1938	92	835	26,628,552	7	23	310,720	99	958	26,939,302	61.7	63.6
1939	92	746	30,312,078	5	9	285,292	97	755	30,597,370	66.4	71.2
1940	124	901	34,680,322	1	2	42,870	125	903	34,723,192	90.0	74.0
1941	84	957	37,951,424	4	22	197,712	88	979	38,149,136	86.0	68.9
1942	116	818	46,428,214	4	5	71,643	120	823	46,499,857	85.0	70.7
1943	100	656	51,090,624	....	....	....	100	658	51,090,624	21.0	72.2
1944	189	812	56,178,300	....	....	....	189	812	56,178,300	49.7	72.5
1945	184	780	53,999,655	....	....	....	184	780	53,999,655	48.4	73.5
1946	201	798	46,660,727	1	2	54,189	202	800	46,714,916	54.8	73.4
1947	184	700	48,791,054	....	....	....	184	700	48,791,054	52.1	71.4
1948	174	697	46,373,080	12	25	282,844	186	722	46,655,924	54.3	70.5
1949	176	694	32,890,158	8	17	103,326	184	711	32,993,484	54.6	75.1
1950	170	656	37,692,319	5	15	74,453	175	671	37,766,772	50.0	65.9
1951	167	604	36,016,095	4	11	65,163	171	615	36,081,258	56.6	65.8
1952	151	508	28,788,980	....	....	....	151	508	28,788,980	57.4	62.9
1953	127	388	29,129,556	1	1	1,950	128	389	29,131,506	55.2	63.4
1954	111	334	25,204,139	3	5	14,945	114	339	25,219,084	55.3	60.4
1955	91	256	26,935,614	....	....	....	91	256	26,935,614	45.9	59.0
1956	82	220	28,095,001	1	3	5,000	83	223	28,100,001	43.8	58.8
1957	80	194	26,767,434	....	....	....	80	194	26,767,434	41.0	57.3
1958	74	176	23,147,089	....	....	....	74	176	23,147,089	41.3	52.9
1959	65	155	23,355,034	....	....	....	65	155	23,355,034	40.9	51.5
1960	61	132	23,099,304	....	....	....	61	132	23,099,304	43.0	50.4
1961	55	113	22,203,257	....	....	....	55	113	22,203,257	43.0	49.2
1962	47	87	23,750,040	....	....	....	47	87	23,750,040	40.5	49.2
1963	42	90	24,426,009	....	....	....	42	90	24,426,009	36.2	47.3
1964	40	91	24,878,351	....	....	....	40	91	24,878,351	37.0	45.4
1965	36	76	25,571,442	....	....	....	36	76	25,571,442	37.0	43.9
1966	29	70	27,132,171	....	....	....	29	70	27,132,171	34.5	42.9
1967	25	61	27,650,000	....	....	....	25	61	27,650,000	32.5	42.7
1968	23	60	26,084,430	....	....	....	23	60	26,084,430	33.3	42.7
1969	28	46	30,172,627	....	....	....	28	46	30,172,627	45.2	46.5
1970	29	53	31,615,570	....	....	....	29	53	31,615,570	45.3	48.7

IV *Mechanization*

V MECHANIZATION—TABLE 26—NUMBER OF MINES OPERATED AND TOTAL TONS MINED; STRIP MINES AND OUTPUT: NUMBER OF MINES USING MACHINES, NUMBER USED AND TONNAGE UNDERCUT; NUMBER OF MINES USING MOTORS FOR UNDERGROUND HAULAGE, NUMBER OF MOTORS USED AND TONS HAULED; ALSO THE PERCENTAGE OF EACH CLASS—SHIPPING MINES BY YEARS—1907-1968; * ALL MINES—1969-1970

Year	Mines operated	Total tons mined	Mined in strip mines				Machine mining					Motor hauling				
			Number of—		Per cent of—		Number of—			Per cent of—		Number of—			Per cent of—	
			Mines	Tons mined	Mines	Tons mined	Mines using	Machines used	Tons under-cut	Mines	Tons undercut	Mines using	Motors used	Tons hauled	Mines using	Tons hauled
1907	411	46,436,839	.	....	...	...	101	1,105	14,490,454	24.6	31.2	75	129	16,542,575	18.3	35.6
1908	407	47,809,730	.	....	...	...	105	1,106	15,210,443	25.7	31.8	88	185	19,024,665	21.6	39.8
1909	384	47,958,562	.	....	...	...	107	1,246	16,407,692	27.9	34.2	96	210	21,892,462	25.0	45.6
1910	390	47,225,021	.	....	...	...	114	1,289	18,176,254	29.2	38.5	106	229	23,204,480	27.2	49.1
1911	387	48,758,657	1	45,153	.3	.1	126	1,430	19,998,259	32.6	41.0	137	316	29,310,173	35.5	60.2
1912	380	56,096,695	5	53,762	1.3	.1	129	1,581	25,550,059	34.4	45.5	165	381	37,958,050	44.0	67.7
1913	371	60,515,416	4	117,790	1.1	.2	140	1,689	30,228,520	38.1	50.0	185	466	46,194,737	50.4	76.5
1914	340	59,279,182	4	181,520	1.2	.3	141	1,828	31,446,823	41.2	53.1	191	540	47,485,729	56.8	80.2
1915	280	56,172,566	2	195,486	.7	.3	131	1,686	34,057,426	47.1	60.8	172	604	47,239,554	62.8	84.4
1916	284	62,283,236	3	344,372	1.1	.6	139	1,817	39,312,376	49.9	63.5	176	648	53,140,005	62.6	85.8
1917	324	77,412,054	5	419,475	1.5	.6	151	1,920	47,232,880	47.3	61.3	200	774	67,196,786	62.7	87.3
1918	370	88,306,228	4	498,347	1.1	.6	174	2,054	50,927,291	47.5	57.0	240	960	77,662,619	65.6	88.4
1919	373	73,751,721	3	393,894	.8	.5	199	2,124	42,993,172	53.8	58.6	259	1,144	66,686,930	70.0	90.9
1920	373	72,409,610	3	367,009	.8	.5	208	2,330	45,130,629	56.2	62.6	276	1,228	66,441,191	74.6	92.2
1921	389	78,339,082	3	437,007	.8	.6	235	2,760	50,243,470	60.9	64.5	280	1,406	71,329,567	72.5	91.6
1922	352	61,406,093	5	533,923	1.4	.9	205	2,762	41,168,621	59.1	69.3	232	1,364	55,028,080	70.0	90.4
1923	374	73,410,837	6	895,608	1.6	1.2	241	3,049	51,057,868	65.5	70.4	285	1,547	70,863,815	77.4	97.7
1924	329	70,324,363	11	1,184,288	3.3	1.7	215	3,033	50,064,304	67.7	72.5	259	1,565	65,900,698	82.7	95.3
1925	255	10,001,299	18	4,722,597	7.1	4.7	165	2,540	74,826,359	69.6	78.5	195	1,360	92,185,121	82.3	96.7
1926	244	67,836,441	16	3,482,611	6.6	5.1	149	2,259	50,736,684	65.4	78.8	182	1,288	61,486,775	88.0	95.5
1927	241	44,926,433	15	2,756,410	6.2	6.1	151	2,397	32,681,281	66.8	77.5	180	1,250	40,144,446	80.0	95.3
1928	206	54,284,184	14	4,113,008	6.8	7.6	139	2,158	41,099,267	72.4	82.7	158	1,182	49,007,549	82.3	97.7
1929	200	59,075,995	17	5,250,501	8.5	8.9	139	1,989	45,907,547	76.0	85.3	156	1,281	52,426,315	85.2	97.4
1930	185	51,996,608	15	6,220,336	8.1	12.0	129	1,606	40,015,407	75.9	87.2	133	1,201	41,181,378	78.2	87.2
1931	167	43,073,058	16	6,548,798	9.6	15.2	111	1,385	32,587,944	73.5	89.2	123	1,205	35,459,159	81.4	97.1
1932	162	31,402,399	17	6,628,228	10.5	21.1	102	1,144	22,165,199	70.3	89.5	124	1,117	24,357,088	85.5	98.3
1933	159	35,390,677	20	5,599,006	12.6	15.8	94	1,014	26,972,132	67.6	90.5	117	1,044	29,459,870	84.2	98.9
1934	172	38,655,527	26	6,008,218	15.1	15.5	101	1,042	29,395,102	58.7	90.0	124	1,156	32,378,082	72.1	83.8
1935	182	41,410,414	28	7,481,349	15.4	18.1	103	1,011	30,857,109	60.9	90.0	122	1,137	33,686,091	79.2	98.3
1936	176	47,285,587	30	8,873,229	17.0	18.8	108	1,062	35,827,656	74.0	93.3	123	1,240	37,950,347	84.4	98.8
1937	168	48,062,076	30	11,176,074	17.8	23.3	103	927	34,031,392	61.3	92.3	116	1,288	36,341,172	84.1	98.5
1938	149	38,442,859	25	10,058,999	16.8	26.2	99	958	26,939,302	66.4	94.9	106	1,251	27,988,198	85.5	72.0
1939	146	42,994,107	26	11,295,547	17.8	26.3	92	740	30,312,078	63.0	95.6	106	1,230	31,318,349	88.3	74.0
1940	139	46,071,806	27	12,024,635	19.5	26.2	124	903	34,734,192	90.0	74.0	124	1,112	36,972,431	89.1	82.0
1941	143	51,033,319	30	13,367,089	20.4	26.1	83	623	35,944,467	56.4	70.5	95	954	38,012,446	74.2	74.5
1942	141	61,124,628	28	15,937,681	19.8	24.3	91	632	42,571,922	64.5	69.8	107	1,240	43,064,306	76.0	70.0
1943	140	68,971,621	26	15,484,712	18.0	22.0	100	658	51,090,624	70.0	76.3	105	1,335	51,918,418	74.4	75.2
1944	157	73,958,923	31	17,108,528	20.2	23.1	102	684	54,412,942	64.5	73.3	106	1,312	55,060,045	67.5	74.4
1945	159	70,322,301	37	16,203,763	23.2	22.0	102	638	52,234,080	64.1	74.5	102	1,262	53,278,465	64.1	76.4
1946	160	60,932,785	36	14,302,739	22.5	23.4	106	798	46,660,727	66.3	76.5	109	1,337	46,215,166	68.7	75.8
1947	160	64,612,627	38	17,821,339	22.0	27.4	103	637	46,770,716	64.4	72.4	98	1,271	42,983,109	61.3	66.5
1948	160	62,494,412	45	16,758,306	28.1	26.8	100	577	44,784,161	62.5	71.6	89	1,118	42,270,669	55.6	67.6
1949	157	44,772,617	45	12,835,980	28.7	28.6	103	570	31,579,018	65.6	70.5	94	1,107	31,419,416	59.9	70.2
1950	149	54,356,918	39	16,469,126	26.2	30.3	98	543	36,337,125	65.8	66.9	99	1,153	38,468,443	66.4	70.7
1951	136	52,595,098	33	17,289,932	24.3	32.9	94	496	35,078,767	69.1	66.7	95	1,073	32,885,513	69.9	62.5
1952	111	43,274,400	27	15,340,989	24.3	35.5	77	391	27,824,311	69.4	64.2	77	883	26,271,031	69.4	60.7
1953	97	43,847,321	29	15,395,734	29.9	35.3	63	299	28,312,383	64.9	64.6	59	651	23,803,952	60.8	54.3
1954	87	40,017,802	28	15,388,078	32.2	38.5	54	240	24,606,444	62.1	61.5	49	609	19,362,624	56.3	48.4
1955	85	43,880,729	35	17,535,630	41.2	40.0	47	178	26,320,724	55.3	60.0	46	434	22,134,856	54.1	50.4
1956	88	45,538,998	42	18,041,603	47.7	39.6	44	160	27,474,383	50.0	60.3	41	406	22,083,913	46.6	48.5
1957	92	44,532,214	50	18,439,200	54.3	41.4	40	140	26,069,830	43.4	58.5	37	381	20,732,578	40.2	46.5
1958	85	41,856,967	49	19,318,772	57.6	46.2	34	123	22,524,173	40.0	53.8	26	252	17,296,825	30.1	41.3
1959	83	43,515,737	46	20,532,528	55.4	47.2	34	113	22,974,451	41.0	52.8	31	269	18,047,376	37.3	41.5
1960	78	43,703,382	40	20,946,982	51.3	47.9	36	100	22,744,109	46.2	52.0	30	249	14,105,870	38.5	32.3
1961	67	42,825,911	36	20,999,859	53.7	49.0	26	83	21,823,768	38.8	51.0	21	145	9,401,846	31.3	22.0
1962	64	45,262,974	37	22,482,457	57.8	49.7	22	61	22,780,517	34.4	50.3	20	110	10,782,732	31.2	23.8
1963	67	48,375,564	42	25,194,264	62.6	52.1	22	62	23,181,300	32.8	52.1	19	87	12,005,935	28.3	24.8
1964	68	51,888,467	40	27,863,966	58.8	53.7	23	68	24,024,501	33.8	46.3	19	97	11,393,993	27.9	22.0
1965	63	55,452,130	39	30,714,714	61.9	55.4	18	56	24,737,416	28.6	44.6	17	84	13,035,683	27.0	23.5
1966	56	59,261,953	35	33,726,863	62.5	56.9	15	50	25,535,090	26.8	43.1	14	73	13,354,433	25.0	22.5
1967	52	60,488,521	32	34,794,177	61.5	57.5	15	49	25,694,344	28.8	42.5	14	73	14,077,962	26.9	23.3
1968	48	57,670,671	25	34,142,920	52.1	59.2	14	44	23,527,751	29.2	40.8	11	64	7,237,522	22.9	12.5
1969	62	64,832,584	34	34,659,957	54.8	53.5	18	51	30,172,627	29.0	46.5	15	73	8,252,837	24.1	12.7
1970	64	64,884,103	35	33,268,533	54.7	51.3	18	53	31,615,570	28.1	48.7	11	49	6,489,554	17.2	10.0

* Statistics from 1969 to present are not comparable with those of prior years as they include local mines which were not reported previously in this table.

IV MECHANIZATION—TABLE 27—METHOD OF LOADING IN ALL MINES—1970

Name of operator	Mobile loading machines			
	Total tons produced	Number in use	Machine shifts used	Tons loaded
Barbara Kay Coal Co., Inc.	130,796	1	212	130,796
Belle Valley Coal Co., Inc.	43,079	2	204	43,079
Bell & Zoller Coal Co., #4	1,069,234	6*	2,736	1,069,234
Freeman Coal Mining Corp., "Crown"	1,807,263	7-1*	3,439	1,807,263
Freeman Coal Mining Corp., #3	2,656,613	12*	5,480	2,656,613
Freeman Coal Mining Corp., #4	1,135,089	5*	2,317	1,135,089
Freeman Coal Mining Corp., #5	1,032,108	4	1,726	1,032,108
Freeman Coal Mining Corp., #6	1,809,816	10*	4,088	1,809,816
Harrisburg Coal Company	106,195	1	222	106,195
Hazel Dell Coal Corp.	35,613	2	300	35,613
Inland Steel Coal Co.	1,928,183	8*	4,275	1,928,183
Monterey Coal Company	261,563	3*	700	261,563
Moffat Coal Company	1,140,162	2	574	1,140,162
Old Ben Coal Corp., #21	2,178,503	12*	4,887	2,178,503
Old Ben Coal Corp., #24	2,823,225	11*	5,772	2,823,225
Old Ben Coal Corp., #26	2,290,198	9*	5,100	2,290,198
Peabody Coal Co., #10	4,899,783	22-3*	6,075	4,899,783
Peabody Coal Co., Eagle #1	1,186,804	4-3*	3,267	1,186,804
Peabody Coal Co., Eagle #2	962,455	5-2*	5,089	962,455
Peabody Coal Co., Midwest #2 & #3	533,775	2-1*	550	533,775
Peabody Coal Co., River King #1	248,480	3*	372	248,480
Sahara Coal Co., Inc. #5	658,928	3-1*	1,868	658,928
Sahara Coal Co., Inc. #16	647,469	2-1*	1,036	647,469
Sahara Coal Co., Inc. #20	212,719	1-1*	707	212,719
Truax-Traer Coal Co., Hillsboro	924,960	5*	1,614	924,960
V-Day Coal Company	62,277	2	207	62,277
Zeigler Coal & Coke "Spartan"	827,459	3	1,380	827,459
TOTAL	31,612,749	159	64,197	31,612,749

* Continuous Mining Machines—97

IV MECHANIZATION—TABLE 28—MECHANICAL LOADING IN SHIPPING MINES FOR THIRTY-EIGHT YEARS—1931-1968, * ALL MINES—1969-1970

*Year	Entire output			Part of output			Total			Per cent of—	
	Mines	Machines	Tons loaded	Mines	Machines	Tons loaded	Mines	Machines	Tons loaded	Mines	Tons loaded
1931	36	1,504	15,138,330	38	916	7,307,452	74	2,420	22,445,782	49.3	52.1
1932	41	1,702	10,899,555	27	578	4,513,101	68	2,280	15,412,656	42.0	49.1
1933	32	1,313	13,344,573	19	439	4,421,643	51	1,752	17,766,216	32.1	50.2
1934	32	1,364	15,107,934	16	257	3,492,240	48	1,621	18,600,174	27.9	48.1
1935	33	1,322	16,649,144	21	304	4,002,563	54	1,626	20,651,707	29.7	49.9
1936	37	1,210	18,540,558	27	363	6,664,612	64	1,573	25,205,170	36.4	53.3
1937	42	1,127	21,192,003	27	329	7,182,359	69	1,456	28,374,362	41.1	59.0
1938	45	935	19,360,718	20	222	4,089,756	65	1,157	23,450,474	43.6	61.0
1939	47	611	20,023,681	19	245	6,631,893	66	856	26,655,664	45.2	62.0
1940	50	631	26,413,496	14	130	4,437,590	64	761	30,851,086	46.0	71.0
1941	58	561	29,308,412	18	127	4,359,361	76	688	33,667,773	51.7	65.9
1942	66	631	37,350,137	12	112	4,554,664	78	743	41,904,801	55.3	68.5
1943	56	598	45,422,135	15	96	3,174,933	71	694	48,597,068	48.2	69.0
1944	60	577	45,529,829	14	102	5,790,101	74	679	50,719,930	45.2	65.5
1945	59	562	43,152,237	15	102	6,116,885	74	664	49,269,122	46.7	70.6
1946	64	566	38,527,365	11	86	4,089,527	75	652	42,616,892	46.8	70.0
1947	65	584	42,946,063	9	48	1,377,780	78	632	44,323,843	47.4	67.0
1948	70	559	42,469,316	3	28	729,222	73	587	43,198,538	45.6	68.0
1949	63	542	29,263,382	3	15	1,217,785	66	557	30,481,167	42.0	68.2
1950	70	531	37,855,197	3	6	32,595	73	537	37,887,792	49.0	69.7
1951	68	489	33,531,058	3	6	611,126	71	495	34,142,184	52.2	64.9
1952	69	365	26,549,584	8	13	611,541	67	378	27,161,125	60.4	62.7
1953	50	305	27,451,029	4	12	560,052	54	317	28,011,081	55.6	63.8
1954	48	263	24,416,023	1	1	7,216	49	264	24,423,248	56.3	61.0
1955	42	219	26,158,407	1	1	11,494	43	220	26,345,099	50.5	60.0
1956	39	193	27,347,356	....	....	....	39	193	27,347,356	44.3	60.1
1957	42	188	25,981,685	....	....	....	42	188	25,981,685	45.6	58.3
1958	36	171	22,454,676	....	....	....	36	171	22,454,676	42.4	53.7
1959	37	162	22,912,080	....	....	....	37	162	22,912,080	44.6	52.7
1960	38	154	22,731,002	....	....	....	38	154	22,731,002	48.7	52.0
1961	29	148	21,813,301	....	....	....	29	148	21,813,301	43.3	50.9
1962	27	102	22,780,517	....	....	....	27	102	22,780,517	42.2	48.2
1963	25	112	23,181,300	....	....	....	25	112	23,181,300	37.3	47.9
1964	28	124	24,024,501	....	....	....	28	124	24,024,501	41.2	46.3
1965	24	123	24,737,416	....	....	....	24	123	24,737,416	38.1	44.6
1966	21	123	25,535,590	....	....	....	21	123	25,535,590	37.5	43.1
1967	20	118	25,694,344	....	....	....	20	118	25,694,344	38.5	42.5
1968	23	127	23,527,751	....	....	....	23	127	23,527,751	47.9	40.8
1969	27	151	30,169,400	....	....	....	27	151	30,169,400	43.5	46.5
1970	28	159	31,612,749	....	....	....	28	159	31,612,749	43.8	48.7

* Statistics from 1969 to present are not comparable with those of prior years as they include local mines which were not reported previously in this table.

IV MECHANIZATION—TABLE 29—METHOD OF LOADING IN SHIPPING MINES FOR THIRTY-EIGHT YEARS—1931-1968,* ALL MINES—1969-1970

Year	Loading machines			By hand		Strip mines		Per cent of output loaded		
	Mines	Machines	Tons loaded	Mines	Tons loaded	Mines	Tons loaded	By machines	By hand	Strip mines
1931	74	2,420	22,445,782	114	14,078,400	16	6,548,798	52.1	32.7	15.2
1932	68	2,280	15,412,656	104	9,361,515	17	6,628,228	49.1	29.8	21.1
1933	51	1,752	17,766,216	88	12,025,455	20	5,599,006	50.2	34.0	15.8
1934	48	1,621	18,600,174	98	14,047,135	26	6,008,218	48.1	36.3	15.6
1935	54	1,626	20,651,707	100	12,277,358	28	7,481,349	49.9	32.1	18.0
1936	64	1,573	25,205,170	82	13,207,189	30	8,873,229	53.3	28.0	18.7
1937	69	1,456	28,374,362	69	8,511,640	30	11,176,074	59.0	17.7	23.3
1938	65	1,157	23,450,474	59	4,933,386	25	10,058,999	61.0	12.8	26.2
1939	66	856	26,655,664	54	5,042,896	27	11,295,547	62.0	11.7	26.3
1940	64	761	30,851,086	59	3,156,987	27	12,024,635	66.0	6.8	27.2
1941	76	688	33,667,773	59	3,998,459	30	13,367,089	65.9	7.8	26.1
1942	78	743	41,904,801	32	3,308,666	28	15,937,681	68.5	5.0	24.2
1943	71	694	48,597,068	47	4,889,841	26	15,484,712	71.4	7.0	21.6
1944	74	679	50,719,930	52	6,130,465	31	17,108,528	68.5	8.3	23.1
1945	74	664	49,269,122	62	4,849,416	37	16,203,763	70.6	6.8	22.0
1946	75	652	42,616,892	47	3,831,940	36	14,302,739	70.2	6.3	23.5
1947	76	600	44,323,843	49	3,191,727	38	14,821,339	67.8	4.8	27.4
1948	73	587	43,198,538	44	2,350,818	45	16,758,306	69.0	4.0	27.0
1949	66	557	30,481,167	46	1,455,470	45	12,835,980	68.0	3.0	29.0
1950	73	537	37,887,792	40	1,575,188	39	16,469,126	69.7	2.9	30.3
1951	71	495	34,142,184	32	1,162,982	33	17,289,932	64.9	2.2	32.9
1952	67	378	27,161,125	17	772,286	27	15,340,989	62.7	1.8	35.5
1953	54	317	28,011,081	14	340,506	29	15,495,734	63.9	0.8	35.3
1954	49	264	24,423,248	11	206,476	28	15,388,078	61.0	0.5	38.5
1955	43	220	26,345,099	8	186,692	35	17,535,630	60.0	0.4	40.0
1956	39	193	27,347,356	7	150,039	42	18,041,603	60.1	0.3	39.6
1957	42	188	25,981,685	4	111,329	50	18,439,200	58.3	0.3	41.4
1958	36	171	22,454,676	4	83,519	49	19,318,772	53.7	0.2	46.1
1959	37	162	22,912,080	3	71,129	46	20,532,528	52.7	0.2	47.2
1960	38	154	22,731,002	2	25,398	40	20,946,982	52.0	0.1	47.9
1961	29	148	21,813,301	2	12,751	36	20,999,859	50.9	0.1	49.0
1962	27	102	22,780,517	....	....	37	22,482,457	50.3	......	49.7
1963	25	112	23,181,300	....	....	42	25,194,264	47.9	......	52.1
1964	28	124	24,024,501	....	....	40	27,863,966	46.3	......	53.7
1965	24	123	24,737,416	....	....	39	30,714,714	44.6	......	55.3
1966	21	123	25,535,590	....	....	35	33,726,863	43.1	......	56.9
1967	20	118	25,694,344	....	....	32	34,794,177	42.5	......	57.5
1968	23	127	23,527,751	....	....	25	34,142,920	40.8	......	59.2
1969	27	151	30,169,400	1	3,227	34	34,659,957	46.5	......	53.4
1970	28	159	31,612,749	1	2821	35	33,268,533	48.7	.004	51.3

* Statistics from 1969 to present are not comparable with those of prior years as they include local mines which were not reported previously in this table.

REPORT OF DIVISION INSPECTION—1970

The report of services rendered by the State Inspectors of Coal Mines is summarized as follows:

Days inspection coal mines	2,992
Other classified service	934
Miscellaneous service	607
Total Days	4,533
Average days for inspector	252
Average days inspection of mines	148
Average days other classified service	52
Average days miscellaneous service	34
Number of inspections made	778
Average inspections for each inspector	43

SUMMARY OF SPECIFIC WORK REPORT FOR STATE MINE INSPECTORS—1970

District	Inspecting mines						Other classified duties—days worked						
	Shipping		Local		Total								
	Number inspections	Days worked	Number inspections	Days worked	Number inspections	Days worked	Investigating accidents	Investigating complaints	Office work	Traveling	Explosive magazines	Miscellaneous service, days worked	Total days
#1	37	97	53	74	90	171		5	57	3	16	28	280
#2	28	95	22	23	50	118	3	3	30	5	29	58	246
#3	48	173	10	11	58	184	12	5	58	6	2	18	285
#4	34	161	23	24	57	185	4		29	2	12	14	246
#5	17	178			17	178	8	1	35	9	9	36	276
#6	43	130	10	13	53	143			76		4	2	225
#7	36	230	2	2	38	232	10		42	1		6	291
#8*	16	92			16	92	7		21	2	1	59	182
#9	24	231	13	39	37	270	6		4	2		15	297
#10	40	193			40	193	1		15	4	1	28	242
#11	35	188	2	4	37	192	9		38	4	13	21	277
#12	44	104	19	31	63	135			50		2	107	294
#13	35	167	7	15	42	182	6		38	1	22	16	265
#14	26	191	11	21	37	212	4	1	43	5	2	22	289
#15* *	17	65	5	6	22	71	1		10	1	10	7	100
#16* * *	21	119			21	119	8		43	8	5	95	278
#17	43	157	45	68	88	225	2		37	3	6	9	282
#18*	12	90			12	90	5	1	12	2	2	66	178
Total	556	2,661	222	331	778	2,992	86	16	638	58	136	607	4,533

* Started 5/70
* * Sick Leave
* * * Inspector-at-Large

ANALYTICAL LABORATORY

The Analytical Laboratory of the Department of Mines and Minerals consists of two divisions. Safety and Coal Analysis.

Safety Division

The purpose of this division is to analyze atmosphere samples for oxygen, explosive and noxious gases. Mine dust samples are analyzed for the percentages of combustible and incombustible materials to determine flame propagating characteristics. Atmosphere samples are collected from Coal, Spar, Metal mines and quarries in the State of Illinois, thus ascertaining compliance with State mining laws in regard to health and safety condition.

During times of mine fires, the personnel of the Analytical Laboratory work directly at the site of the fire, analyzing the explosive characteristics of samples taken from the sealed areas. The analysis of these samples determine the course of action to be taken. After the fire has been extinguished, samples are taken to determine when it is safe to re-enter the sealed areas.

During 12 months of the current year, 2,887 atmosphere and 2,627 dust samples have been analyzed and reported.

Coal Analysis

The coal analysis program was designed to insure the quality of coal purchased for State Institutions by the State of Illinois. The program was planned by the State Purchasing Department and the Director of the Department of Mines and Minerals.

At the heart of the plan are Mobile Sampling Units making frequent unscheduled visits to all State mental, charitable and penal institutions using coal. Samples are also collected for the Secretary of State's coal purchases and a number of State Universities.

During the current heating season, Illinois has contracted to purchase 394,270 tons of coal, which has a total contract value of $3,671,334.00

Within an average month, some 200 samples of coal are picked up by the Quality Coal Inspectors, pulverized and delivered to the Analytical Laboratory, where they are analyzed.

If delivered coal does not meet contract specifications, the State may level penalties as provided in the contract.

As a result of this program, the State of Illinois Purchasing Department is purchasing better grades of coal for less money than previously. This results in tremendous savings for the State of Illinois. In addition, an estimated 20% efficiency was realized in heating of the various State institutions. This saving was realized with a minimum amount of additional equipment and personnel at the Laboratory.

The program now includes sampling of larger tonnages by composite sample analysis.

ANALYTICAL LABORATORY PERSONNEL

Name	Address	Title
George W. Sneddon	202 South Marion Rd. P.O. Box #44 West Frankfort, Ill. 62896	Supervisor
Alan Ashbrook	619 North Orchard West Frankfort, Ill. 62896	Chemist II
Zudora Hadfield	603 Future Drive Marion, Illinois	Lab. Tech. II
John Mitchell	Route #2 West Frankfort, Ill. 62896	Lab. Tech. II
Bernice Mitchell	Route #2 West Frankfort, Ill. 62896	Lab. Tech. II
Barbara Furlow	704 Sheridan Drive Benton, Illinois 62812	Lab. Tech. II
Ralph Eckols	Route #4 Marion, Illinois 62959	Lab. Helper
Virgil Bolen	Akin, Illinois 62805	Lab. Helper
Judi McClure	607 North Gardner West Frankfort, Ill. 62896	Clerk Typist I
Mary Bauer	Route #2 Benton, Illinois 62812	Clerk Steno II

REPORT OF MINERS' EXAMINING BOARD

DATE AND PLACE OF MEETING, NUMBER OF CERTIFICATES ISSUED AND AMOUNT OF FEES COLLECTED

Date		Place of meeting	Number of certificates issued	Fees collected for duplicate copies of certificates
January	5	Springfield		
	6	Petersburg		
	7	Taylorville	5	
	8	Pana	1	
	9	Litchfield		
	10	Sparta	2	
	12	DuQuoin	1	
	13	Benton	7	
	14	Eldorado	3	
	15	Harrisburg	6	
	16	Herrin	9	
	17	Zeigler	6	
February	2	Springfield	1	
	3	Tuscola	4	
	4	Taylorville	5	
	5	Pana		
	6	Litchfield	2	
	7	Collinsville		
	9	DuQuoin	7	
	10	Benton	18	
	11	Eldorado	4	
	12	Johnston City	4	
	13	Marion	4	
	14	Christopher	6	
March	2	Springfield	4	
	3	Peoria		
	4	Taylorville	16	
	5	Pana	2	
	6	Litchfield	1	
	7	Centralia		
	9	DuQuoin	14	
	10	Benton	19	
	11	Eldorado	10	
	12	Johnston City	10	
	13	Herrin	3	
	14	New Shawneetown	17	
April	6	Springfield	4	
	7	Petersburg		
	8	Taylorville	9	
	9	Pana		
	10	Litchfield	5	
	11	Sparta	4	$2.00
	13	DuQuoin	1	
	14	Benton	10	
	15	Eldorado	10	
	16	Harrisburg	14	
	17	Johnston City	5	
	18	Zeigler	6	
May	4	Springfield	3	
	5	Lincoln		
	6	Tuscola	2	
	7	Taylorville	2	
	8	Litchfield	1	
	9	Collinsville		
	11	DuQuoin	5	
	12	Benton	10	
	13	Eldorado	8	
	14	Harrisburg	7	
	15	Marion	6	
	16	Christopher	6	
June	1	Springfield	1	
	2	Peoria		
	3	Petersburg		
	4	Taylorville	6	
	5	Litchfield	4	
	6	Centralia		
	8	DuQuoin	6	
	9	Benton	14	
	10	Eldorado	6	
	11	Johnston City	4	
	12	Herrin	7	
	13	New Shawneetown		

REPORT OF MINERS' EXAMING BOARD

DATE AND PLACE OF MEETING, NUMBER OF CERTIFICATES ISSUED AND AMOUNT OF FEES COLLECTED

Date		Place of meeting	Number of certificates issued	Fees collected for duplicate copies of certificates
July	13	Springfield		
	14	Carlinville	1	
	15	Taylorville	3	
	16	Virden	1	
	17	Litchfield	3	
	18	West Frankfort	6	
	20	DuQuoin	3	
	21	Benton	7	
	22	Harrisburg		
	23	Eldorado	3	
	24	Marion	7	
	25	Carrier Mills	3	
August	3	Springfield	3	
	4	Litchfield		
	5	Taylorville	10	
	6	Carlinville	2	
	7	Equality	5	
	8	Galatia	1	
	10	Benton	10	
	11	DuQuoin	11	
	12	Sesser	5	
	13	West Frankfort	2	
	14	Eldorado	3	
	15	Harrisburg	2	
September	8	Springfield	3	
	9	Peoria		
	10	Freeburg	3	
	11	Tuscola	2	
	12	Virden	8	
	14	Benton	10	
	15	DuQuoin	2	
	16	Eldorado	5	$2.00
	17	Herrin	5	
	18	Marion		
	19	Sesser	5	
	21	Carrier Mills	14	2.00
October	5	Benton	18	
	6	DuQuoin	4	
	7	Eldorado	2	
	8	Johnston City	9	
	9	Herrin	7	
	10	West Frankfort	9	
	12	Springfield	2	
	13	Taylorville	11	
	14	Carlinville	9	
	15	Litchfield	1	
	16	Harrisburg	5	
	17	Carrier Mills	10	
November	2	Springfield	4	
	4	Petersburg		
	5	Taylorville	16	
	6	Carrier Mills	6	
	7	Virden	6	
	9	Benton	21	
	10	Westville	12	
	12	Shawneetown	6	
	13	Eldorado	1	
	14	DuQuoin	3	
	16	Harrisburg	4	
	17	West Frankfort	8	
December	7	Springfield	3	
	8	Canton	1	
	9	Taylorville	13	
	10	Carlinville	3	
	11	Sparta	2	
	12	West Frankfort	6	
	14	Benton	7	
	15	DuQuoin	4	
	16	Eldorado	6	
	17	Sesser	4	
	18	Marion	1	
	19	Carrier Mills	16	
TOTAL			745	$6.00

CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1970

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Charles H. Criner	Taylorville	27	August 27, 1942	Irving, Illinois	1	Taylorville	January 7, 1970	8121
Daniel T. Marron	Taylorville	22	February 8, 1947	Indianapolis, Ind.	1	Taylorville	January 7, 1970	8122
James D. Tyler	Taylorville	28	July 29, 1941	Taylorville	1	Taylorville	January 7, 1970	8123
Samuel M. Jack	Palmer	24	Sept. 6, 1945	Taylorville	1	Taylorville	January 7, 1970	8124
John H. Stevens	Bulpitt	38	May 1, 1931	Highland Park	1	Taylorville	January 7, 1970	8125
Leo H. Gimber, Jr.	Coulterville	39	November 21, 1930	Coulterville	4½	Sparta	January 10, 1970	8126
James A. Clark	Red Bud	30	November 28, 1939	Renick, W. Va.	1	Sparta	January 10, 1970	8127
Edward R. Lyerla	Morrisonville	28	March 18, 1941	Taylorville	1	Pana	January 8, 1970	8128
Thomas R. Bigham	DuQuoin	27	November 18, 1942	Pinckeyville	1	DuQuoin	January 12, 1970	8129
Willard L. Prather	Raleigh	36	August 8, 1933	Raleigh	1	Eldorado	January 14, 1970	8130
Dayton Hankins	Galatia	27	Sept. 22, 1942	Harrisburg	1	Eldorado	January 14, 1970	8131
Edward Hatcher	Carrier Mills	20	March 15, 1949	Harrisburg	1	Eldorado	January 14, 1970	8132
Frank Lindsey	West Frankfort	42	February 17, 1927	West Frankfort	1	Benton	January 13, 1970	8133
Cecil L. Webb	Sesser	35	November 30, 1934	Sesser	1	Benton	January 13, 1970	8134
Gary Billington	Marion	32	August 8, 1937	Golconda	1	Benton	January 13, 1970	8135
Clarence Zettler	Sesser	39	November 13, 1930	Tamaroa	2½	Benton	January 13, 1970	8136
Larry D. Fitch	West Frankfort	25	December 16, 1944	Herrin	1	Benton	January 13, 1970	8137
Eugene G. Richardson	Tamaroa	29	December 22, 1940	Burr, Missouri	1	Benton	January 13, 1970	8138
Ervin I. Simpson	Benton	57	October 28, 1912	Benton	1	Benton	January 13, 1970	8139
Jesse Bennett	Carrier Mills	51	August 12, 1918	Carrier Mills	2	Harrisburg	January 15, 1970	8140
James Forwe	Harrisburg	31	August 17, 1938	Harrisburg	1½	Harrisburg	January 15, 1970	8141
Fred Roper	Carrier Mills	23	February 27, 1946	Harrisburg	1½	Harrisburg	January 15, 1970	8142
Carl F. Bayer	Harrisburg	27	June 27, 1942	Evansville, Ind.	1	Harrisburg	January 15, 1970	8143
Jack D. Hargrave	Harrisburg	35	January 21, 1934	Harrisburg	1	Harrisburg	January 15, 1970	8144
Charles V. Hyers	Harrisburg	45	August 12, 1924	Harrisburg	1	Harrisburg	January 15, 1970	8145
Virgil L. Stilley	Marion	40	July 15, 1929	Harrisburg	1	Herrin	January 16, 1970	8146
Harry Warren	West Frankfort	58	March 15, 1911	Central City	20	Herrin	January 16, 1970	8147
Roger L. Propes	Herrin	32	April 24, 1937	Herrin	1	Herrin	January 16, 1970	8148
Lonnie W. Wright	Johnston City	57	Sept. 11, 1912	Central City	5	Herrin	January 16, 1970	8149
Kenneth A. Stearns	Energy	31	December 31, 1938	Granite City	1	Herrin	January 16, 1970	8150
George H. Payne	Herrin	33	March 7, 1936	Herrin	1	Herrin	January 16, 1970	8151
Clyde E. Sanders	Johnston City	43	November 13, 1926	Johnston City	1	Herrin	January 16, 1970	8152
Jimmie L. Doughty	Marion	41	October 8, 1928	Pittsburg	1	Herrin	January 16, 1970	8153
Edward V. Grider	Marion	53	January 4, 1917	Sandoval	5	Herrin	January 16, 1970	8154
Londo Biscontini	Royalton	56	December 19, 1913	Bush	2	Zeigler	January 17, 1970	8155
Dale L. Gulley	Royalton	32	August 10, 1937	Christopher	1	Zeigler	January 17, 1970	8156
Billy Horton	Belle Rive	26	October 4, 1943	Belle Rive	1	Zeigler	January 17, 1970	8157
William Evan Miller	Sesser	22	January 19, 1947	Benton	1	Zeigler	January 17, 1970	8158
Alex McElroy	Mulkeytown	39	May 11, 1930	Royalton	1	Zeigler	January 17, 1970	8159
Melvin R. Winters	Carrier Mills	25	October 31, 1944	Carrier Mills	1	Zeigler	January 17, 1970	8160
Laverne F. Hill	Pawnee	44	May 5, 1925	Pawnee	3	Springfield	Feb. 2, 1970	8161

CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1970—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Glenn A. Garrett	Wilsonville	43	October 8, 1926	Gillespie	12	Litchfield	Feb. 6, 1970	8162
John E. Bohn	Benton	23	August 2, 1946	Alton	2	Litchfield	Feb. 6, 1970	8163
James W. Moore	Newman	26	June 15, 1943	Paris, Ill.	1	Tuscola	Feb. 3, 1970	8164
Gilbert Smothers, Jr.	Brocton	24	July 16, 1945	Herrin	1	Tuscola	Feb. 3, 1970	8165
Dorris G. Richey	Newman	35	January 12, 1935	Bremen, Kentucky	9	Tuscola	Feb. 3, 1970	8166
Albert L. Painter	Murdock	33	April 1, 1936	Homer	1	Tuscola	Feb. 3, 1970	8167
Billie L. Smith	Taylorville	44	February 5, 1925	Illiopolis	1	Taylorville	Feb. 4, 1970	8168
Howard L. Pyle	Taylorville	33	July 5, 1936	Stonington	1	Taylorville	Feb. 4, 1970	8169
James A. Blanchetti, Jr.	Taylorville	44	February 23, 1925	Kincaid	24	Taylorville	Feb. 4, 1970	8170
Oliver C. Castelli	Rochester	43	June 22, 1926	Bulpitt	1	Taylorville	Feb. 4, 1970	8171
Terry L. Long	Taylorville	25	July 5, 1944	Taylorville	2½	Taylorville	Feb. 4, 1970	8172
Walter K. Fleming	DuQuoin	58	Sept. 1, 1911	Thompsonville	2	DuQuoin	Feb. 9, 1970	8173
Jerry W. Lively	DuQuoin	31	February 23, 1938	DuQuoin	1½	DuQuoin	Feb. 9, 1970	8174
Roy Dudley	Nason	44	Sept. 20, 1925	Nason	1	DuQuoin	Feb. 9, 1970	8175
Ralph Shockley, Jr.	DuQuoin	21	April 24, 1948	DuQuoin	1	DuQuoin	Feb. 9, 1970	8176
Harold Hill	Marion	33	May 8, 1936	Harrisburg	1	DuQuoin	Feb. 9, 1970	8177
John H. Boester	Marion	37	Sept. 5, 1932	Marion	1	DuQuoin	Feb. 9, 1970	8178
Wilbur L. McCrary	Pinckneyville	54	April 16, 1915	Pinckneyville	5	DuQuoin	Feb. 9, 1970	8179
Herman Colwell	Mt. Vernon	55	January 27, 1915	Hazard, Kentucky	22	Benton	Feb. 10, 1970	8180
Thomas L. Jones	Sesser	22	August 8, 1947	Herrin	1	Benton	Feb. 10, 1970	8181
Wendell F. Eubanks	Benton	31	October 24, 1938	Benton	1	Benton	Feb. 10, 1970	8182
Larry D. Heggemeier	Swanwick	27	June 28, 1942	Swanwick	1	Benton	Feb. 10, 1970	8183
Albert Ray Reimer	Sparta	25	October 4, 1944	Sparta	1	Benton	Feb. 10, 1970	8184
Millard Frank Robinson	West Frankfort	50	April 11, 1919	Parrish	1	Benton	Feb. 10, 1970	8185
Greg A. Kern	Benton	21	Feb. 15, 1948	Christopher	1½	Benton	Feb. 10, 1970	8186
Charles F. Kern	Benton	39	June 1, 1930	West Frankfort	1	Benton	Feb. 10, 1970	8187
Don Garner	Sesser	38	Nov. 22, 1931	Sesser	1	Benton	Feb. 10, 1970	8188
Donald L. Saunders	Benton	34	May 8, 1935	Chicago	1	Benton	Feb. 10, 1970	8189
James R. Miller	Benton	23	Dec. 25, 1946	Rend City	1	Benton	Feb. 10, 1970	8190
Donald Ray McCowan	Waltonville	32	August 25, 1937	Waltonville	1	Benton	Feb. 10, 1970	8191
Robert G. Wilson	Benton	21	April 18, 1948	Christopher	1	Benton	Feb. 10, 1970	8192
Gary D. Avery	West Frankfort	24	Dec. 27, 1945	West Frankfort	1	Benton	Feb. 10, 1970	8193
Eugene Parks	West Frankfort	49	April 30, 1920	West Frankfort	18	Benton	Feb. 10, 1970	8194
Robert A. Blades	West Frankfort	39	August 9, 1930	Johnston City	2	Benton	Feb. 10, 1970	8195
David Lee Stritzel	Christopher	22	Feb. 25, 1947	Christopher	1	Benton	Feb. 10, 1970	8196
Robert L. Stratton	Herrin	30	January 16, 1940	Herrin	1	Benton	Feb. 10, 1970	8197
Ranse M. Stevens	Raleigh	38	October 24, 1931	Raleigh	2	Eldorado	Feb. 11, 1970	8198
Maurice F. Willis	Shawneetown	56	Nov. 16, 1913	Shawneetown	8	Eldorado	Feb. 11, 1970	8199
Eddie L. Rice	Eldorado	29	August 24, 1940	Eldorado	1½	Eldorado	Feb. 11, 1970	8200
Charles W. Heflin	Ridgway	31	March 30, 1938	Galatia	3	Eldorado	Feb. 11, 1970	8201
Charles R. Cunitz	Taylorville	32	October 15, 1937	Mulkeytown	1½	Johnston City	Feb. 12, 1970	8202

Wendell Burnett	Johnston City	25	Dec. 31, 1944	Marion	1	Johnston City	Feb. 12, 1970	8203
Michael B. Goff	West Frankfort	23	June 5, 1946	Logan, West Virginia	1	Johnston City	Feb. 12, 1970	8204
Frank Engram	Herrin	35	Feb. 28, 1934	Mt. Vernon	1	Johnston City	Feb. 12, 1970	8205
Thomas Simpson, Jr.	Marion	22	January 17, 1948	Herrin	1	Marion	Feb. 13, 1970	8206
William E. Wiggs	Carterville	30	October 7, 1939	Carterville	1	Marion	Feb. 13, 1970	8207
William A. Butler	Marion	23	Nov. 9, 1946	Harrisburg	1	Marion	Feb. 13, 1970	8208
Howard D. Bean	Harrisburg	40	Sept. 15, 1939	Harrisburg	2	Marion	Feb. 13, 1970	8209
Charles J. Ksycki	Waltonville	30	March 1, 1939	DuBois	1	Christopher	Feb. 14, 1970	8210
Harold E. Lewis	Christopher	43	Dec. 5, 1926	Christopher	1	Christopher	Feb. 14, 1970	8211
Darrell L. Mitchell	Christopher	33	January 12, 1937	Christopher	1	Christopher	Feb. 14, 1970	8212
Kenneth R. Robinson	Sesser	30	February 11, 1940	Sesser	1	Christopher	Feb. 14, 1970	8213
Fred S. Hodgeman	Mulkeytown	38	January 13, 1932	Danville	1¼	Christopher	Feb. 14, 1970	8214
Jack L. Norris	Hurst	27	June 30, 1942	Carbondale	1½	Christopher	Feb. 14, 1970	8215
John H. Dixon	Kincaid	47	April 28, 1922	Benton	5½	Springfield	March 2, 1970	8216
John L. Howe, Jr.	Virden	21	Sept. 16, 1948	Springfield	1	Springfield	March 2, 1970	8217
Joseph E. Sharp	Springfield	29	May 24, 1940	Rochester	1	Springfield	March 2, 1970	8218
William J. Roberts, Jr.	Pawnee	52	March 7, 1917	Pidment, Alabama	23	Springfield	March 2, 1970	8219
Duane Steele	Palmer	34	August 25, 1935	Palmer, Illinois	4½	Taylorville	March 4, 1970	8220
John L. Christian	Palmer	34	February 16, 1936	Taylorville	1	Taylorville	March 4, 1970	8221
Gerald R. McQuire	Taylorville	20	December 28, 1949	Taylorville	1	Taylorville	March 4, 1970	8222
Terrence L. Cox	Taylorville	23	November 25, 1946	Taylorville	3	Taylorville	March 4, 1970	8223
Joseph T. Avizenis	Langleyville	52	August 8, 1917	Nokomis	15	Taylorville	March 4, 1970	8224
Stanley J. Grobosky	Taylorville	23	February 1, 1947	Taylorville	1	Taylorville	March 4, 1970	8225
Manus McGarvey	Tovey	50	February 28, 1920	Langleyville	1½	Taylorville	March 4, 1970	8226
Clayton W. Hay	Kincaid	30	June 23, 1939	Joliet	6½	Taylorville	March 4, 1970	8227
Donald R. Fines	Owaneco	33	October 15, 1936	Taylorville	1	Taylorville	March 4, 1970	8228
James W. Belsher	Morrisonville	23	June 30, 1946	Moberly, Missouri	1	Taylorville	March 4, 1970	8229
Wendell A. Durbin	Taylorville	43	July 26, 1926	Taylorville	1½	Taylorville	March 4, 1970	8230
Erwin S. Pyle	Taylorville	53	April 26, 1916	Benton	17	Taylorville	March 4, 1970	8231
James S. Sexson	Taylorville	36	April 3, 1933	Taylorville	7	Taylorville	March 4, 1970	8232
Joseph Cavatorta	Taylorville	23	August 23, 1946	Taylorville	4	Taylorville	March 4, 1970	8233
Max L. Podshadley	Girard	34	March 7, 1935	Farmersville	1	Taylorville	March 4, 1970	8234
Robert G. Ess	Taylorville	26	January 13, 1944	Gary, Indiana	2	Taylorville	March 4, 1970	8235
Manuel Carbagal	Taylorville	50	June 18, 1919	Fresnillo, Mexico	10	Pana	March 5, 1970	8236
James J. Welburn	Pana	26	Sept. 14, 1943	Pana	2	Pana	March 5, 1970	8237
John A. Kochinski	Benld	28	April 1, 1941	Benld	5½	Litchfield	March 6, 1970	8238
Junior L. Hargis	Sparta	45	June 19, 1924	Sparta	1	DuQuoin	March 9, 1970	8239
David E. Lewis	Sparta	24	July 28, 1945	Sparta	1	DuQuoin	March 9, 1970	8240
Walter E. Swallers	DuQuoin	42	February 29, 1928	DuQuoin	1½	DuQuoin	March 9, 1970	8241
Conrad E. Roach	DuQuoin	34	Sept. 24, 1935	DuQuoin	1	DuQuoin	March 9, 1970	8242
Irwin G. Saunders	DuQuoin	28	February 8, 1942	DuQuoin	1	DuQuoin	March 9, 1970	8243
Roger A. Stolte	New Athens	32	October 11, 1937	New Athens	1	DuQuoin	March 9, 1970	8244
Charles E. Steckenrider	DuQuoin	22	August 14, 1947	DuQuoin	1	DuQuoin	March 9, 1970	8245
Gerald E. Minton	Royalton	20	August 17, 1949	Christopher	1	DuQuoin	March 9, 1970	8246
Terry D. McClanahan	Elkville	24	August 8, 1945	DuQuoin	1	DuQuoin	March 9, 1970	8247
Shan W. Thomas	Coulterville	22	August 14, 1947	Coulterville	1	DuQuoin	March 9, 1970	8248
Lyle D. Hagston	Tamaroa	28	January 16, 1942	DuQuoin	1	DuQuoin	March 9, 1970	8249
Willard E. Dame	Sesser	22	Sept. 24, 1947	DuQuoin	1	DuQuoin	March 9, 1970	8250
Alvin E. Dickey	Evansville	29	May 4, 1940	Sparta	1	DuQuoin	March 9, 1970	8251
Charles J. Stroud	DuQuoin	40	December 17, 1929	DuQuoin	2	DuQuoin	March 9, 1970	8252
Weldon D. Robinson	Harrisburg	24	May 2, 1945	Harrisburg	1	Benton	March 10, 1970	8253
Lloyd L. Neal	Benton	29	May 28, 1940	Benton	1	Benton	March 10, 1970	8254

CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1970—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Gary O. Davis	Benton	25	October 25, 1944	West Frankfort	1	Benton	March 10, 1970	8255
Albert E. Rogers	Logan	21	April 14, 1948	Herrin	1	Benton	March 10, 1970	8256
William M. Lamb	Benton	29	Sept. 24,1940	West Frankfort	1	Benton	March 10, 1970	8257
Jesse W. Allen	Bonnie	35	April 25, 1934	Bonnie	1	Benton	March 10, 1970	8258
Danny J. Fowler, Jr.	Benton	23	Sept. 2, 1946	Harrisburg	1	Benton	March 10, 1970	8259
Kenneth Dale Harstick	Coulterville	23	June 15, 1946	Sparta	2	Benton	March 10, 1970	8260
William H. Thompson	Sesser	49	Sept. 27, 1920	Sesser	5½	Benton	March 10, 1970	8261
Stanley M. Galloway	Christopher	36	Nov. 15, 1933	Sesser	1	Benton	March 10, 1970	8262
Gary D. Cantrell	Benton	22	Sept. 23, 1947	DuQuoin	1	Benton	March 10, 1970	8263
Ralph E. Olguin	Sesser	27	April 22, 1942	Vancouver, Wash.	1	Benton	March 10, 1970	8264
Walter S. Chrostoski	West Frankfort	22	May 28, 1947	West Frankfort	1	Benton	March 10, 1970	8265
Eugene H. Tucker	Mt. Vernon	46	May 9, 1923	Caseyville, Ky.	22	Benton	March 10, 1970	8266
Virgil L. Waldron	Cambria	44	August 8, 1925	Cambria	6	Benton	March 10, 1970	8267
Charles R. Brookshire	Benton	33	March 27, 1936	Benton	1	Benton	March 10, 1970	8268
Donald E. Baker	Whittington	34	July 1, 1935	Benton	1	Benton	March 10, 1970	8269
Thomas W. Morris	DuQuoin	37	Sept. 28, 1932	DuQuoin	1½	Benton	March 10, 1970	8270
L.P. Frattini	Herrin	27	Nov. 2, 1942	Herrin	1	Benton	March 10, 1970	8271
Charles A. Gibbons	Harrisburg	25	January 20, 1945	Harrisburg	1	Eldorado	March 11, 1970	8272
Randy L. Questelle	Eldorado	21	October 3, 1948	Harrisburg	1	Eldorado	March 11, 1970	8273
Paul H. Moore	Rosiclare	51	November 27, 1918	West Frankfort	9	Eldorado	March 11, 1970	8274
Leon Shelton	Harrisburg	49	February 11, 1921	Ledford, Ill.	6	Eldorado	March 11, 1970	8275
Clifton Troutt	Ridgway	27	Dec. 1, 1942	Van, Kentucky	8	Eldorado	March 11, 1970	8276
Larry E. Wood	New Shawneetown	26	August 7, 1943	New Shawneetown	1	Eldorado	March 11, 1970	8277
William P. Leger, Jr.	Eldorado	23	November 27, 1946	Covington, Ky.	1	Eldorado	March 11, 1970	8278
James P. Deaton	Marion	40	January 2, 1930	Marion	14	Eldorado	March 11, 1970	8279
Dewayne Gulley	Harrisburg	25	January 12, 1945	Harrisburg	2½	Eldorado	March 11, 1970	8280
Charles B. McCallister, Jr.	Eldorado	29	July 26, 1940	Evansville, Ind.	2	Eldorado	March 11, 1970	8281
Jimmy G. Travis	Thompsonville	25	Octover 15, 1944	Herrin	1	Johnston City	March 12, 1970	8282
Jack L. Carter	West Frankfort	26	October 12, 1943	Gary, Ind.	1	Johnston City	March 12, 1970	8283
Darrell G. Long	Johnston City	45	Dec. 7, 1924	Johnston City	23	Johnston City	March 12, 1970	8284
Harold Long	Johnston City	47	January 29, 1923	Johnston City	28	Johnston City	March 12, 1970	8285
Harry F. Ray	Johnston City	42	August 4, 1927	Murphysboro	1	Johnston City	March 12, 1970	8286
James L. Lawrence	Marion	34	August 28, 1935	Marion	1	Johnston City	March 12, 1970	8287
Joe W. Williams	Pittsburg	28	May 17, 1941	Pittsburg	1	Johnston City	March 12, 1970	8288
Richard G. Kopera	Johnston City	27	November 17, 1942	Ambridge, Pa.	1	Johnston City	March 12, 1970	8289
Jim E. Parton	Carrier Mills	34	June 27, 1935	Carrier Mills	1	Johnston City	March 12, 1970	8290
J.W. Dawes	Marion	40	August 16, 1929	Johnston City	12	Johnston City	March 12, 1970	8291
Rickey J. Talluto	West Frankfort	24	November 13, 1945	Herrin	1	Herrin	March 13, 1970	8292
Eugene P. Vieceli	Johnston City	23	December 23, 1946	Johnston City	3	Herrin	March 13, 1970	8293
Clyde S. Simmons	Royalton	43	February 27, 1927	Colp	4½	Herrin	March 13, 1970	8294
Ralph Eugene Bond	Galatia	33	August 4, 1936	Mt. Vernon	2½	Shawneetown	March 14, 1970	8295

Ewell V. Madden	Ridgway	45	May 10, 1924	Harlan, Ky.	13	Shawneetown	March 14, 1970	8296
William Howard Lee	Equality	55	Sept. 28, 1914	Balkan, Ky.	33	Shawneetown	March 14, 1970	8297
Louis D. Edmonds	Equality	52	Sept. 26, 1917	Gatill, Ky.	35	Shawneetown	March 14, 1970	8298
Carter Howard	Morganville, Ky.	33	April 3, 1936	Harlan, Ky.	13	Shawneetown	March 14, 1970	8299
John R. Toth	Raleigh	36	January 30, 1934	Harrisburg	2	Shawneetown	March 14, 1970	8300
Curtis Lee Maddox	Harrisburg	24	November 29, 1945	Harrisburg	1	Shawneetown	March 14, 1970	8301
John L. Ewell	Harrisburg	42	May 24, 1927	Harrisburg	2	Shawneetown	March 14, 1970	8302
C.C. Davis	New Shawneetown	41	May 23, 1928	Durham, Georgia	16	Shawneetown	March 14, 1970	8303
Frank Key	Madisonville, Ky.	47	January 16, 1923	Williamsberg, Ky.	20	Shawneetown	March 14, 1970	8304
James C. Summers	Eldorado	39	April 7, 1930	Verda, Ky.	17	Shawneetown	March 14, 1970	8305
Bobby R. Eldridge	New Shawneetown	26	Sept. 3, 1943	Cloasplint, Ky.	1	Shawneetown	March 14, 1970	8306
Billy R. Robbins	New Shawneetown	27	Dec. 20, 1942	Highsplint, Ky.	1	Shawneetown	March 14, 1970	8307
Millard S. Rice	Eldorado	42	March 20, 1927	West Frankfort	1	Shawneetown	March 14, 1970	8308
Alvis L. McMain	Sturgis, Ky.	39	Dec. 28, 1930	Sturgis, Ky.	14	Shawneetown	March 14, 1970	8309
Jerry H. Allen	Junction	24	May 25, 1945	Harlan, Ky.	1	Shawneetown	March 14, 1970	8310
Claude Ingram	Harrisburg	41	June 10, 1928	Lineford, Ky.	18	Shawneetown	March 14, 1970	8311
Ronald L. Hart	Thayer	23	December 11, 1946	Springfield	1	Springfield	April 6, 1970	8312
Albert E. Holmes, Jr.	Edinburg	35	October 12, 1934	Kincaid	1	Springfield	April 6, 1970	8313
James E. Sisk	Divernon	48	May 20, 1921	Sikeston, Mo.	2	Springfield	April 6, 1970	8314
Teddy R. Spurgeon	Virden	37	August 15, 1932	Cuba, Mo.	2	Springfield	April 6, 1970	8315
Floyd L. Murray	Taylorville	42	June 7, 1927	Taylorville	1	Taylorville	April 8, 1970	8316
Paul D. Bandy	Kincaid	26	March 18, 1944	Benton	1	Taylorville	April 8, 1970	8317
Ernest A. Hunsley	Edinburg	19	January 23, 1951	Taylorville	1	Taylorville	April 8, 1970	8318
John Alaria, Jr.	Kincaid	20	October 24, 1949	Taylorville	1	Taylorville	April 8, 1970	8319
Earl J. Jones	Taylorville	39	February 6, 1931	Taylorville	1	Taylorville	April 8, 1970	8320
Oliver Little, Jr.	Mt. Vernon	45	October 17, 1924	Fed, Kentucky	22	Taylorville	April 8, 1970	8321
Dwight A. Frasier	Edinburg	23	April 24, 1946	Washington	1 ½	Taylorville	April 8, 1970	8322
Donald J. Tarrant	Taylorville	36	April 11, 1933	Taylorville	1	Taylorville	April 8, 1970	8323
Michael L. Mann	Tovey	21	April 6, 1949	Taylorville	1	Taylorville	April 8, 1970	8324
Merlyn E. Gunn	Witt	36	June 6, 1933	Witt	5	Litchfield	April 10, 1970	8325
Ross A. Kershaw	Hillsboro	30	January 4, 1940	Mullbery Grove	1	Litchfield	April 10, 1970	8326
Bennie E. Morgan	Carlinville	38	July 29, 1931	Madisonville	14	Litchfield	April 10, 1970	8327
Billy R. Sutherland	Carlinville	25	June 2, 1944	Cedarbluff, Va.	3	Litchfield	April 10, 1970	8328
Kenneth O. Wyatt	Taylorville	48	June 20, 1921	Herrin	24	Litchfield	April 10, 1970	8329
John K. Arnett	Coulterville	36	Dec. 15, 1933	Winkle	1	Sparta	April 11, 1970	8330
Ronald L. Rothwell	Tilden	27	Dec. 12, 1942	Tilden	1	Sparta	April 11, 1970	8331
George B. Ashauer	Freeburg	28	May 28, 1941	Litchfield	1	Sparta	April 11, 1970	8332
Clyde A. Collier	Sparta	54	July 15, 1915	Sparta	25	Sparta	April 11, 1970	8333
Johnnie H. Fleming	DuQuoin	49	October 29, 1920	West Frankfort	20	DuQuoin	April 13, 1970	8334
Leroy N. Dees	Sesser	44	October 15, 1925	Detroit, Mich.	1	Benton	April 14, 1970	8335
Roy G. Avery	West Frankfort	41	February 17, 1929	West Frankfort	1	Benton	April 14, 1970	8336
Gary E. Gray	Benton	25	April 16, 1944	Otwell, Ind.	1 ½	Benton	April 14, 1970	8337
Robert Lee Loman	Herrin	55	Nov. 21, 1914	Sesser	5	Benton	April 14, 1970	8338
Leo Grotti	West Frankfort	44	Dec. 12, 1925	West Frankfort	1	Benton	April 14, 1970	8339
Arthur Wesley Cook	Christopher	56	Dec. 26, 1913	Christopher	34	Benton	April 14, 1970	8340
Ollie F. Sims	West Frankfort	51	April 8, 1919	Nauvoo, Alabama	1	Benton	April 14, 1970	8341
Leonard L. Welch	Carterville	48	March 28, 1922	Bush	11 ½	Benton	April 14, 1970	8342
Billie G. Aaron	Benton	38	July 16, 1931	Benton	1	Benton	April 14, 1970	8343
Thomas L. Clinton	Woodlawn	33	October 14, 1936	Ina	1	Benton	April 14, 1970	8344
John D. Crest	Equality	26	January 13, 1944	Equality	1 ½	Eldorado	April 15, 1970	8345
Ronald D. Ego	Eldorado	27	March 18, 1943	Rector	1	Eldorado	April 15, 1970	8346
William C. Karns	Eldorado	39	Dec. 21, 1930	Equality	1	Eldorado	April 15, 1970	8347

CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1970—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Chester R. Powers	Shawneetown	26	August 4, 1943	Gatliff, Ky.	1	Eldorado	April 15, 1970	8348
James D. McGrew	Ridgway	30	July 7, 1939	Shawneetown	1	Eldorado	April 15, 1970	8349
William A. Drone	Ridgway	43	April 5, 1927	Ridgway	1	Eldorado	April 15, 1970	8350
George D. Duty	Pittsburg	29	May 12, 1940	Pittsburg	1	Eldorado	April 15, 1970	8351
Oral O. Jackson	Eldorado	35	Nov. 25, 1934	Stonefort	1 ½	Eldorado	April 15, 1970	8352
Robert McCoy	Eldorado	39	April 23, 1930	Eldorado	5 ½	Eldorado	April 15, 1970	8353
George Alexander	Harrisburg	46	Dec. 12, 1923	Harrisburg	8	Eldorado	April 15, 1970	8354
Bennie L. Shewmake	Harrisburg	42	Feb. 29, 1928	Sims	1	Harrisburg	April 16, 1970	8355
Kenneth D. Fulkerson	Harrisburg	26	Sept. 4, 1943	Harrisburg	1	Harrisburg	April 16, 1970	8356
Robert L. Cowper	Carrier Mills	25	Jan. 28, 1945	Carrier Mills	1	Harrisburg	April 16, 1970	8357
Max W. Kendall	Harrisburg	26	Sept. 9, 1943	Harrisburg	1	Harrisburg	April 16, 1970	8358
Milas C. Shewmaker	Harrisburg	48	July 25, 1921	Herod	3	Harrisburg	April 16, 1970	8359
France Graham	Harrisburg	43	Nov. 11, 1926	Shawneetown	2	Harrisburg	April 16, 1970	8360
Lowell B. Graham	Harrisburg	41	March 16, 1929	Shawneetown	1	Harrisburg	April 16, 1970	8361
Clifford Rector	Harrisburg	53	August 17, 1916	Harrisburg	1	Harrisburg	April 16, 1970	8362
Harvey Dooley	Harrisburg	50	Sept. 22, 1919	Harrisburg	12	Harrisburg	April 16, 1970	8363
Donal Summer	Carrier Mills	42	Jan. 21, 1928	Harrisburg	1	Harrisburg	April 16, 1970	8364
Carl G. Teal	Harrisburg	36	August 30, 1932	Stonefort	18	Harrisburg	April 16, 1970	8365
Carlos E. Burton	Mt. Vernon	22	May 16, 1947	Herod	1	Harrisburg	April 16, 1970	8366
David Betz	Harrisburg	23	August 24, 1946	Harrisburg	1	Harrisburg	April 16, 1970	8367
Roy S. Pritchett	Galatia	26	August 31, 1943	Harrisburg	2	Harrisburg	April 16, 1970	8368
Robert E. Swisher	Christopher	29	July 20, 1940	Mulkeytown	1 ½	Zeigler	April 18, 1970	8369
John W. Murphy	Coffeen	23	June 12, 1946	Royalton	1	Zeigler	April 18, 1970	8370
John E. Prudent	Zeigler	27	Sept. 12, 1942	Herrin	1	Zeigler	April 18, 1970	8371
Alex L. Hall	Benton	40	January 13, 1930	Ermine, Ky.	4	Zeigler	April 18, 1970	8372
William R. Gross	DuQuoin	51	January 31, 1919	DuQuoin	15	Zeigler	April 18, 1970	8373
Charles E. Sanford	Benton	40	February 22, 1930	Charleston, W. Va.	15	Zeigler	April 18, 1970	8374
W.E. Gilbert Adams	Herrin	38	August 14, 1931	Vienna	1	Johnston City	April 17, 1970	8375
Charles E. Beers	Pittsburg	43	January 4, 1927	Pittsburg	1 ½	Johnston City	April 17, 1970	8376
James Robert McMain	Benton	37	Feb. 19, 1933	Sturgis, Ky.	16	Johnston City	April 17, 1970	8377
Charles Ray Deaton	Marion	25	January 19, 1945	Herrin	1	Johnston City	April 17, 1970	8378
Gary R. Lind	Herrin	25	Dec. 29, 1944	Stonefort	1	Johnston City	April 17, 1970	8379
Matthew P. Clarke	Farmersville	37	March 22, 1933	Farmersville	1	Springfield	May 4, 1970	8380
William G. Roberts	Pawnee	22	November 11, 1947	Springfield	1	Springfield	May 4, 1970	8381
Robert C. Hart	Springfield	32	July 16, 1937	White Hall	1	Springfield	May 4, 1970	8382
William Knott, Jr.	Clinton	21	March 8, 1949	Brazil, Indiana	1	Tuscola	May 5, 1970	8383
Fountain Wilson	Villa Grove	27	July 18, 1942	Muncie, Indiana	2	Tuscola	May 5, 1970	8384
Eddie H. Harris	Taylorville	23	July 17, 1946	Standford, Ky.	1	Taylorville	May 7, 1970	8385
Daniel Puccetti	Bullpitt	23	December 19, 1946	Taylorville	5	Taylorville	May 7, 1970	8386
James R. Presley	Belleville	39	May 19, 1931	Twinton, Tenn.	13	Litchfield	May 8, 1970	8387
James Bennett	Royalton	35	July 7, 1934	Royalton	1	DuQuoin	May 11, 1970	8388

Howard Wayne Lewis	West Frankfort	23	November 8, 1946	Herrin	1	DuQuoin	May 11, 1970	8389
T.G. Bird	Coulterville	32	June 20, 1937	Percy	1	DuQuoin	May 11, 1970	8390
Frederick W. Alberts	DuQuoin	26	February 28, 1944	Moline	1	DuQuoin	May 11, 1970	8391
John C. Dressler	Scheller	24	November 14, 1945	Scheller	1	DuQuoin	May 11, 1970	8392
David A. Gowins	Stonefort	36	March 9, 1934	Harrisburg	2	Eldorado	May 13, 1970	8393
Billy N. Haynes	Eldorado	23	December 31, 1946	Terre Haute, Ind.	1	Eldorado	May 13, 1970	8394
Michael McDonald	Pittsburg	22	Sept. 29, 1947	Milwaukee, Wisc.	1	Eldorado	May 13, 1970	8395
Harold E. Hall	Galatia	41	Sept. 15, 1928	Broughton	1	Eldorado	May 13, 1970	8396
Charles Oxford	Equality	25	March 2, 1945	Eldorado	1	Eldorado	May 13, 1970	8397
A.K. Hess	Harrisburg	20	October 6, 1949	Chicago	1	Eldorado	May 13, 1970	8398
Dennis Brugger	Junction	27	May 9, 1943	Junction	1	Eldorado	May 13, 1970	8399
Joe Patterson	Galatia	44	August 8, 1925	Galatia	4	Eldorado	May 13, 1970	8400
Richard Goolsby	Harrisburg	24	April 12, 1946	Harrisburg	1	Harrisburg	May 14, 1970	8401
Richard Drue	Harrisburg	30	Sept. 27, 1939	Harrisburg	1	Harrisburg	May 14, 1970	8402
Dewey Newbold	Herrin	34	November 2, 1935	Herrin	2	Harrisburg	May 14, 1970	8403
Ronnie Drone	Shawneetown	19	November 23, 1950	Eldorado	1	Harrisburg	May 14, 1970	8404
Joe Angelton	Harrisburg	23	Sept. 4, 1946	Rosiclare	1	Harrisburg	May 14, 1970	8405
Vicki Aud	Harrisburg	21	February 16, 1949	Harrisburg	1	Harrisburg	May 14, 1970	8406
Dennis Mahaffey	Eldorado	28	April 2, 1942	Muddy	1	Harrisburg	May 14, 1970	8407
Carl Jr. Wilt	Sesser	27	December 10, 1942	Newburg, W. Va.	1	Benton	May 12, 1970	8408
Virgil L. Carpenter	Royalton	25	October 23, 1944	West Frankfort	1	Benton	May 12, 1970	8409
Joe H. Kimmel	Thompsonville	49	November 9, 1920	Harrisburg	1	Benton	May 12, 1970	8410
Arthur A. Green	West Frankfort	51	February 11, 1919	West Frankfort	1	Benton	May 12, 1970	8411
Larry Spillman	West Frankfort	25	June 2, 1945	West Frankfort	1	Benton	May 12, 1970	8412
Larry Hodge	Waltonville	28	December 22, 1941	Nason	1	Benton	May 12, 1970	8413
Evan W. Lewis	Benton	22	July 10, 1947	DuQuoin	3	Benton	May 12, 1970	8414
Lonnie C. Hutson	Carrier Mills	22	Sept. 3, 1947	Carrier Mills	1	Benton	May 12, 1970	8415
George R. Henshaw	Mulkeytown	45	March 29, 1925	Morganfield, Ky.	4	Benton	May 12, 1970	8416
Kenneth Sample	Sesser	30	December 16, 1939	Sesser	1	Benton	May 12, 1970	8417
Orval Bundren	Marion	45	April 17, 1925	Creal Springs	3	Marion	May 15, 1970	8418
Harold Spence	Carterville	32	August 30, 1937	Herrin	1	Marion	May 15, 1970	8419
Laverne L. Ferrell	Carterville	27	November 11, 1942	Herrin	1	Marion	May 15, 1970	8420
Van A. McGill	Cambria	24	October 15, 1945	Carterville	1	Marion	May 15, 1970	8421
Carol D. Poteete	Carterville	34	May 18, 1935	Carterville	1	Marion	May 15, 1970	8422
Lindle McRoy	Marion	29	December 3, 1940	Marion	1	Marion	May 15, 1970	8423
Roy C. Debose	Eldorado	42	April 13, 1928	Providence	2	Marion	May 15, 1970	8424
Jerry A. Brandon	Valier	27	July 19, 1942	Bush	1	Christopher	May 16, 1970	8425
Eugene V. Conci	Benton	39	Sept. 28, 1930	Benton	1	Christopher	May 16, 1970	8426
Norman D. Smith	Christopher	40	February 12, 1930	Christopher	1	Christopher	May 16, 1970	8427
Danny Lappin	Farina	35	April 23, 1935	Bonnie	1	Christopher	May 16, 1970	8428
John Julius	Ina	46	April 4, 1924	Carlinville	1	Christopher	May 16, 1970	8429
Allen B. Howard	Springfield	54	May 28, 1916	Perry Creek, Ark.	30	Springfield	June 1, 1970	8430
Bruce Olson	Taylorville	27	February 8, 1943	Taylorville	1	Taylorville	June 4, 1970	8431
Robert F. Credi	Taylorville	35	March 9, 1935	Bangor, Mich.	1	Taylorville	June 4, 1970	8432
Larry E. Davis	Pana	25	March 14, 1945	Nokomis	1	Taylorville	June 4, 1970	8433
Levi Wilson	Morrisonville	59	June 2, 1911	Taylorville	1	Taylorville	June 4, 1970	8434
William L. Kent	Nokomis	26	January 7, 1944	Taylorville	1	Taylorville	June 4, 1970	8435
Robert Gorman	Springfield	24	May 1, 1946	Farmersville	3	Taylorville	June 4, 1970	8436
Charles Knes	Mt. Olive	60	March 12, 1910	Mt. Olive	4	Litchfield	June 5, 1970	8437
Donald Smith	Virden	34	July 16, 1935	Virden	1	Litchfield	June 5, 1970	8438
Joe Casarta	Hillsboro	37	Sept. 9, 1932	Herrin	1	Litchfield	June 5, 1970	8439
Harvey G. Payne	Taylor Springs	30	May 25, 1940	Hillsboro	1	Litchfield	June 5, 1970	8440

CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1970—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Richard A. Davison	DuQuoin	22	June 30, 1947	DuQuoin	1	DuQuoin	June 8, 1970	8441
William E. Donoghue	DuQuoin	26	August 5, 1943	DuQuoin	1	DuQuoin	June 8, 1970	8442
Richard Johnson	DuQuoin	23	May 25, 1947	Mount Vernon, Ohio	1	DuQuoin	June 8, 1970	8443
Cletis L. Randolph	DuQuoin	41	March 25, 1929	Harrisburg	1	DuQuoin	June 8, 1970	8444
Norman E. Bird	Tamaroa	37	March 20, 1933	Pinckneyville	1	DuQuoin	June 8, 1970	8445
Noble Risley, Jr.	Sesser	27	November 8, 1942	Sesser	1	DuQuoin	June 8, 1970	8446
Elmer Filkins	West Frankfort	40	April 21, 1930	West Frankfort	1	Benton	June 9, 1970	8447
Jock Lefler	Royalton	20	December 23, 1949	Christopher	1	Benton	June 9, 1970	8448
Billy Smillie	Royalton	33	July 15, 1936	Herrin	1	Benton	June 9, 1970	8449
Jerry Risley	Benton	22	January 26, 1948	Benton	1	Benton	June 9, 1970	8450
Charles Boner	Zeigler	21	October 17, 1949	Christopher	1	Benton	June 9, 1970	8451
James Bolen	Benton	34	November 14, 1935	Akin	1	Benton	June 9, 1970	8452
Ronald Pearson	Valier	28	December 5, 1941	Galesburg	2	Benton	June 9, 1970	8453
Herbert Smith	Benton	46	Dec. 6, 1923	Benton	1½	Benton	June 9, 1970	8454
Robert Williams	West Frankfort	23	Dec. 12, 1946	Herrin	1	Benton	June 9, 1970	8455
Lavern E. Aaron	Benton	37	October 8, 1932	Benton	1	Benton	June 9, 1970	8456
Ray E. Williams	Royalton	36	April 10, 1934	Orient	1	Benton	June 9, 1970	8457
Jack L. Russell	West Frankfort	35	March 30, 1935	West Frankfort	1	Benton	June 9, 1970	8458
Roscoe Jones	West Frankfort	34	June 10, 1935	Benton	1	Benton	June 9, 1970	8459
William C. Opp	Mulkeytown	26	October 9, 1943	DuQuoin	1	Benton	June 9, 1970	8460
Roger Young	Eldorado	19	Sept. 19, 1950	Eldorado	1	Eldorado	June 10, 1970	8461
William Hull	Harrisburg	49	April 29, 1921	Harrisburg	7	Eldorado	June 10, 1970	8462
Roger Brewer	Eldorado	20	March 16, 1950	Hazard	1	Eldorado	June 10, 1970	8463
Victor M. Newlin	Elizabethtown	43	Nov. 18, 1926	Yale	1½	Eldorado	June 10, 1970	8464
Charles Wyatt	Harrisburg	23	Nov. 30, 1946	Harrisburg	1	Eldorado	June 10, 1970	8465
Wayman L. Welborn	Harrisburg	32	Dec. 30, 1937	Chicago	1	Eldorado	June 10, 1970	8466
Robert C. Ragan	Tinley Park	55	Nov. 12, 1914	West Frankfort	10	Johnston City	June 11, 1970	8467
Jonathan B. Ernsting	Marion	28	Feb. 3, 1942	Kansas City, Mo.	1	Johnston City	June 11, 1970	8468
John Gulley	Benton	24	October 1, 1945	Benton	1	Johnston City	June 11, 1970	8469
Lloyd T. Wiggins	Benton	47	July 7, 1922	Benton	1	Johnston City	June 11, 1970	8470
Billy Dann	Energy	36	Jan. 10, 1934	Pickneyville	1	Herrin	June 12, 1970	8471
Roger Porter	DuQuoin	27	Sept. 8, 1942	DuQuoin	1	Herrin	June 12, 1970	8472
Bruce A. Gipson	West Frankfort	22	Feb. 27, 1948	Herrin	1	Herrin	June 12, 1970	8473
William R. Wade	Herrin	30	Nov. 13, 1939	Herrin	1	Herrin	June 12, 1970	8474
Dwight E. Gilbreath	Mulkeytown	23	Nov. 30, 1946	Benton	1	Herrin	June 12, 1970	8475
Dexter Harriss	Royalton	27	Sept. 10, 1942	Herrin	1	Herrin	June 12, 1970	8476
James E. Dorris	Sesser	26	August 31, 1943	West Frankfort	1	Herrin	June 12, 1970	8477
Randall T. Quarton	Virden	32	Feb. 23, 1938	Palmyra	6	Carlinville	July 14, 1970	8478
John Cima	Kincaid	40	Feb. 7, 1930	Tovey	2	Taylorville	July 15, 1970	8479
Edward Diefenbach	Benton	38	Oct. 28, 1931	Stonefort	2	Taylorville	July 15, 1970	8480
Robert A. Fixsal	Morrisonville	26	April 3, 1944	Taylorville	1	Taylorville	July 15, 1970	8481

David Bolletto	Thayer	22	Aug. 8, 1947	Thayer	1	Virden	July 16, 1970	8482
Lee Elledge	Girard	20	Oct. 1, 1949	Litchfield	1	Litchfield	July 17, 1970	8483
James R. Simmons	Coffeen	22	Aug. 4, 1947	Murphysboro	1	Litchfield	July 17, 1970	8484
Paul Spensberger	Mt. Olive	23	Nov. 5, 1946	Litchfield	2	Litchfield	July 17, 1970	8485
Robert D. Swalls	Zeigler	34	May 30, 1936	Zeigler	1	W. Frankfort	July 18, 1970	8486
Stephen H. Gabby	Marion	22	Aug. 26, 1947	Vincennes, Ind.	1	W. Frankfort	July 18, 1970	8487
Terry L. Hudgens	Herrin	28	Jan. 3, 1943	Herrin	1	W. Frankfort	July 18, 1970	8488
Roscoe E. Anthony	Thompsonville	44	Jan. 13, 1926	Logan	6	W. Frankfort	July 18, 1970	8489
Harold D. Swisher	W. Frankfort	47	Oct. 8, 1922	Mulkeytown	9	W. Frankfort	July 18, 1970	8490
Jack Hood	W. Frankfort	22	Feb. 10, 1948	Herrin	1	W. Frankfort	July 18, 1970	8491
James Jebron	Coulterville	29	Nov. 30, 1940	Coulterville	1	DuQuoin	July 20, 1970	8492
Charles E. Carraker	DuQuoin	42	Nov. 15, 1947	Herrin	1	DuQuoin	July 20, 1970	8493
Clyde E. Rowney	Coulterville	22	May 11, 1948	Belleville	1	DuQuoin	July 20, 1970	8494
Oscar Conner	Sesser	36	Nov. 11, 1933	Nason	1	Benton	July 21, 1970	8495
Wesley Dickey	Sesser	33	March 4, 1937	Chancey	1	Benton	July 21, 1970	8496
Gerald Selby	DuQuoin	23	Oct. 15, 1946	DuQuoin	1	Benton	July 21, 1970	8497
Norlen E. Craig	Carrier Mills	46	Jan. 24, 1924	Carrier Mills	5	Benton	July 21, 1970	8498
Cleo Rex Morris	W. Frankfort	23	July 14, 1947	W. Frankfort	1	Benton	July 21, 1970	8499
Robert Fritts	Carrier Mills	25	May 24, 1945	Harrisburg	1	Benton	July 21, 1970	8500
Harold W. Fisher	Benton	23	Dec. 17, 1946	Benton	1	Benton	July 21, 1970	8501
Eddie Lee Horton	Eldorado	39	March 27, 1931	Eldorado	1½	Eldorado	July 23, 1970	8502
Raymond A. Burgess	Benton	57	November 29, 1912	Benton	1½	Eldorado	July 23, 1970	8503
James E. Sexton	Sesser	42	March 25, 1928	Wheelwright, Ky.	20	Eldorado	July 23, 1970	8504
Charles T. Bird	Herrin	29	August 29, 1940	West Frankfort	1	Marion	July 24, 1970	8505
Howard E. Jones	Carterville	38	February 16, 1932	Carterville	2½	Marion	July 24, 1970	8506
Gary D. Beasley	Marion	24	May 3, 1946	Marion	2	Marion	July 24, 1970	8507
Douglas Carney	Carterville	30	October 6, 1939	Carterville	3	Marion	July 24, 1970	8508
Harry R. Donahue	Marion	31	Sept. 19, 1938	Marion	3½	Marion	July 24, 1970	8509
David Barclay	Johnston City	30	Nov. 8, 1939	Royalton	4	Marion	July 24, 1970	8510
William Moake	Marion	35	October 28, 1934	Herrin	1	Marion	July 24, 1970	8511
Gene Bagwell	Carbondale	44	April 12, 1926	Carterville	1	Carrier Mills	July 25, 1970	8512
Dennis B. Morris	Marion	19	Nov. 8, 1950	Herrin	1	Carrier Mills	July 25, 1970	8513
Reginald Reeves	Carrier Mills	21	March 25, 1949	Harrisburg	1	Carrier Mills	July 25, 1970	8514
Dominic Rosa	Springfield	41	Oct. 25, 1928	St. Louis, Mo.	7	Springfield	Aug. 3, 1970	8515
Phillip Henning	Taylorville	23	Jan. 16, 1947	Springfield	1	Springfield	Aug. 3, 1970	8516
Dennis Beavers	Thayer	22	Nov. 1, 1947	Kincaid	1	Springfield	Aug. 3, 1970	8517
Delbert Lancaster	Taylorville	22	Sept. 2, 1947	Taylorville	1	Taylorville	Aug. 5, 1970	8518
John S. Lawson	Virden	54	April 10, 1916	Tekamah, Neb.	14	Taylorville	Aug. 5, 1970	8519
Timothy Marron	Taylorville	22	Sept. 14, 1947	Taylorville	1	Taylorville	Aug. 5, 1970	8520
Gene M. Gaddis	Newman	46	Jan. 20, 1924	Sylvia, Kansas	1	Taylorville	Aug. 5, 1970	8521
Charles E. Clark	Taylorville	26	Nov. 5, 1943	Taylorville	1	Taylorville	Aug. 5, 1970	8522
Raymond W. Roller	Newman	45	Jan. 23, 1925	Newman, Ill.	1	Taylorville	Aug. 5, 1970	8523
Robert T. Walters	Villa Grove	28	Jan. 7, 1942	Hallidayboro	1	Taylorville	Aug. 5, 1970	8524
Donald G. McCluskey	Newman	29	Aug. 12, 1940	Herrin	1	Taylorville	Aug. 5, 1970	8525
Walter L. Hahn	Newman	33	Feb. 13, 1937	Olney	1	Taylorville	Aug. 5, 1970	8526
Jack C. Simpson Jr.	Pawnee	28	Feb. 20, 1942	Pawnee	1	Taylorville	Aug. 5, 1970	8527
Jon McGown	Virden	22	Jan. 31, 1948	Springfield	1	Carlinville	Aug. 6, 1970	8528
Stephen Krempasky	Virden	20	Oct. 25, 1949	Springfield	1	Carlinville	Aug. 6, 1970	8529
Charles R. Brewer	Sesser	39	April 16, 1931	Stanton, Ken.	20	Benton	Aug. 10, 1970	8530
Bobby C. Gibbons	Chicago	40	Jan. 22, 1930	Marion	1	Benton	Aug. 10, 1970	8531
Lawrence Pitman	Scheller	54	Feb. 8, 1915	Scheller	1	Benton	Aug. 10, 1970	8532
Clyde W. Hefner	Benton	34	Dec. 19, 1935	Weiner, Ark.	1	Benton	Aug. 10, 1970	8533
Thomas G. Lingle	W. Frankfort	47	May 15, 1923	W. Frankfort	1	Benton	Aug. 10, 1970	8534

CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1970—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
John L. Veach	Christopher	22	Oct. 8, 1947	Zeigler	1	Benton	Aug. 10, 1970	8535
Thomas F. Buckingham	Royalton	19	June 2, 1951	Christopher	1	Benton	Aug. 10, 1970	8536
William Bartley	Sesser	27	May 5, 1943	Wheelwright, Ky.	3	Benton	Aug. 10, 1970	8537
Harold Dale Bushong	Mulkeytown	30	May 18, 1940	Centralia	1	Benton	Aug. 10, 1970	8538
Robert Irvin	Bonnie	37	April 22, 1933	Cobden	1	Benton	Aug. 10, 1970	8539
Marvin George	Tamaroa	27	July 12, 1943	Pinckneyville	1	DuQuoin	Aug. 11, 1970	8540
Dennis Changler	Tilden	29	June 15, 1941	Tilden	1	DuQuoin	Aug. 11, 1970	8541
William Bottiaux	Marissa	37	April 28, 1933	Marissa	1	DuQuoin	Aug. 11, 1970	8542
John A. Riechenbert	Tilden	33	Sept. 15, 1936	Campbell Hill	1	DuQuoin	Aug. 11, 1970	8543
Gary E. Carter	Tilden	24	Oct. 20, 1945	Belleville	1	DuQuoin	Aug. 11, 1970	8544
Randell K. Hungate	Thompsonville	26	May 25, 1944	W. Frankfort	1	DuQuoin	Aug. 11, 1970	8545
Clifford I. Martie	Dowell	50	Nov. 15, 1919	Elkville	2½	DuQuoin	Aug. 11, 1970	8546
Arthur H. Davis	Marissa	43	July 21, 1927	Marissa	1	DuQuoin	Aug. 11, 1970	8547
William A. Smith	Coulterville	26	May 14, 1944	Coulterville	1	DuQuoin	Aug. 11, 1970	8548
Cecil Shockley, Jr.	Tilden	22	Aug. 30, 1947	DuQuoin	1	DuQuoin	Aug. 11, 1970	8549
Herbert E. Underwood	Royalton	39	Sept. 5, 1930	Royalton	1	DuQuoin	Aug. 11, 1970	8550
Billy D. Powell	Galatia	37	April 9, 1933	Harrisburg	16	Galatia	Aug. 8, 1970	8551
James R. Cobb	Cambria	31	March 21, 1939	Cambria	3	Equality	Aug. 7, 1970	8552
Carl E. Milburn	Carrier Mills	54	March 8, 1916	Carrier Mills	2	Equality	Aug. 7, 1970	8553
G.B. Wiley	Harrisburg	55	Nov. 19, 1914	Mitchelville	5	Equality	Aug. 7, 1970	8554
William H. Seets	Carrier Mills	21	Sept. 1, 1948	Carrier Mills	1	Equality	Aug. 7, 1970	8555
Tommy J. Steele	Morganfield	22	May 31, 1948	Sturgis, Ky.	1	Equality	Aug. 7, 1970	8556
James L. Dorris	W. Frankfort	47	Dec. 7, 1922	Thompsonville	1	Sesser	Aug. 12, 1970	8557
Donald Vaughn	Herrin	32	March 31, 1938	Herrin	1	Sesser	Aug. 12, 1970	8558
John Sowman	Herrin	32	June 14, 1938	Herrin	1	Sesser	Aug. 12, 1970	8559
Billy Robinson	Sesser	26	April 20, 1944	DuQuoin	2	Sesser	Aug. 12, 1970	8560
Richard J. Bartolotti	Valier	23	March 13, 1947	Valier	1	Sesser	Aug. 12, 1970	8561
Ralph Maggard	Ridgway	38	April 15, 1932	Whitesburg, Ky.	6	Eldorado	Aug. 14, 1970	8562
Phillip Morse	Harrisburg	31	Dec. 10, 1938	Harrisburg	1	Eldorado	Aug. 14, 1970	8563
Danny Gulley	Harrisburg	20	Nov. 6, 1949	Harrisburg	1	Eldorado	Aug. 14, 1970	8564
James R. Whyte	Eldorado	29	July 9, 1941	Eldorado	1	Harrisburg	August 15, 1970	8565
Ownly Williams	Carrier Mills	27	March 3, 1943	Harrisburg	1	Harrisburg	August 15, 1970	8566
Andrew Young	Tovey	41	December 31, 1928	Tovey	20	Springfield	Sept. 8, 1970	8567
Jessie W. Lyons	Springfield	34	March 8, 1936	Newport, Arkansas	1	Springfield	Sept. 8, 1970	8568
Hugh Brown	Staunton	48	May 20, 1922	Virden	5	Springfield	Sept. 8, 1970	8569
David L. Phillips	Tuscola	26	Sept. 22, 1943	Marion	1	Tuscola	Sept. 11, 1970	8570
George R. Phillips	Tuscola	34	April 9, 1936	Marion	1	Tuscola	Sept. 11, 1970	8571
Myril Weaver	Virden	37	May 6, 1933	Chatham	1	Virden	Sept. 12, 1970	8572
Bill D. Allen	Girard	20	December 28, 1949	Greenville, Ky.	1	Virden	Sept. 12, 1970	8573
Donald R. Dennison	Girard	20	May 17, 1949	Springfield	2	Virden	Sept. 12, 1970	8574
Bruce Molohon	Waggoner	32	December 7, 1937	Harval	1	Virden	Sept. 12, 1970	8575

Bobby Haroldwoods	Taylorville	26	April 30, 1944	Jellico, Tenn.	1	Virden	Sept. 12, 1970	8576
Robert Eugene Christer	Kincaid	29	December 4, 1940	Pana	1	Virden	Sept. 12, 1970	8577
Jack L. Evans	Girard	28	January 26, 1942	Auburn	1	Virden	Sept. 12, 1970	8578
James E. Seelbach	Waggoner	26	November 23, 1943	Farmersville	3	Virden	Sept. 12, 1970	8579
Marvin Rathert	Steeleville	34	November 12, 1935	Campbell Hill	8	Freeburg	Sept. 10, 1970	8580
William Sydney Smith	Taylorville	45	Sept. 4, 1925	Staunton	24	Freeburg	Sept. 10, 1970	8581
Paul L. Tisdale	Mascoutah	34	April 9, 1936	Benton	1	Freeburg	Sept. 10, 1970	8582
Ray Thompson	Christopher	53	August 14, 1917	Buckner	25	Benton	Sept. 14, 1970	8583
Everett L. Pierce	Ina	46	July 6, 1924	Waltonville	1	Benton	Sept. 14, 1970	8584
George S. Rose	Orient	38	November 15, 1931	Anawalt, W. Va.	13	Benton	Sept. 14, 1970	8585
Terry R. Chance	West Frankfort	27	November 5, 1942	West Frankfort	1	Benton	Sept. 14, 1970	8586
Richard Owsley	Orient	47	March 17, 1923	Orient	5	Benton	Sept. 14, 1970	8587
Danny Crnokrak	Coello	37	February 24, 1933	Coello	1	Benton	Sept. 14, 1970	8588
Larry Frye	West Frankfort	22	May 2, 1948	Logan, W. Va.	1	Benton	Sept. 14, 1970	8589
Donald Taylor	West Frankfort	28	January 7, 1942	Sesser	1	Benton	Sept. 14, 1970	8590
James L. Weston	Zeigler	44	Sept. 5, 1926	Chicago	1	Benton	Sept. 14, 1970	8591
Sammy Hicks	Christopher	36	March 20, 1934	Mulkeytown	1	Benton	Sept. 14, 1970	8592
Ralph W. Ross	Dowell	30	July 24, 1940	DuQuoin	1	DuQuoin	Sept. 15..1970	8593
Robert L. Keller	Tamaroa	43	July 7, 1927	Tamaroa	2	DuQuoin	Sept. 15, 1970	8594
James Eldridge	Herrin	35	March 14, 1935	Herrin	1	Herrin	Sept. 17, 1970	8595
Alfred Perry	Johnston City	49	May 20, 1921	Chicago	1	Herrin	Sept. 17, 1970	8596
George R. Strunk	Johnston City	26	November 14, 1943	West Frankfort	1	Herrin	Sept. 17, 1970	8597
Jack Dawson	Zeigler	29	June 27, 1941	West Frankfort	1	Herrin	Sept. 17, 1970	8598
Mickey Samples	Marion	27	July 28, 1943	Marion	1	Herrin	Sept. 17, 1970	8599
Ronnie Braggs	West Frankfort	29	August 30, 1941	Alto Pass	1	West Frankfort	August 13, 1970	8600
Jerry L. Barham	Johnston City	29	August 27, 1941	Johnston City	1	West Frankfort	August 13, 1970	8601
William C. Boggess	Eldorado	32	July 17, 1938	Eldorado	1	Eldorado	Sept. 16, 1970	8602
William F. Brown	Harrisburg	34	April 5, 1936	Harrisburg	1	Eldorado	Sept. 16, 1970	8603
Norman Pickford	Harrisburg	47	January 10, 1923	Harrisburg	6	Eldorado	Sept. 16, 1970	8604
Luther Beasley	Equality	61	August 9, 1909	Stonefort	6	Eldorado	Sept. 16, 1970	8605
Dan Duffee	Eldorado	19	August 13, 1951	Eldorado	1	Eldorado	Sept. 16, 1970	8606
Stanley Douglas	Harrisburg	24	May 14, 1946	Harrisburg	1	Carrier Mills	Sept. 21, 1970	8607
Gary L. Martin	Equality	29	April 9, 1941	Carrier Mills	1	Carrier Mills	Sept. 21, 1970	8608
Charles Arnold	Pittsburg	45	August 16, 1925	Crab Orchard	5	Carrier Mills	Sept. 21, 1970	8609
Leroy Sisson	Sullivan, Ind.	42	Sept. 5, 1928	Princeton, Ind.	17	Carrier Mills	Sept. 21, 1970	8610
Thomas Gourley	Sullivan, Ind.	52	December 19, 1917	Princeton, Ind.	25	Carrier Mills	Sept. 21, 1970	8611
Jackie Lee Fulkerson	Harrisburg	19	August 13, 1951	Harrisburg	1	Carrier Mills	Sept. 21, 1970	8612
Marvin Miles	Equality	19	Sept. 22, 1950	New Shawneetown	1	Carrier Mills	Sept. 21, 1970	8613
Bernard A. Degenhart	Oakdale	50	December 23, 1919	Pinckneyville	1	Carrier Mills	Sept. 21, 1970	8614
Homer King	Harrisburg	55	February 2, 1915	Carrier Mills	5	Carrier Mills	Sept. 21, 1970	8615
Harry M. Rogers	West Frankfort	54	December 11, 1915	Herrin	20	Carrier Mills	Sept. 21, 1970	8616
John L. Arview	Sesser	25	April 9, 1945	West Frankfort	1	Carrier Mills	Sept. 21, 1970	8617
Doyle P. Galloway	Sesser	41	August 20, 1929	Sesser	1	Carrier Mills	Sept. 21, 1970	8618
Dick D. Walker	Christopher	24	November 1, 1945	Herrin	1	Carrier Mills	Sept. 21, 1970	8619
James H. Miller	Sesser	26	August 9, 1944	West Frankfort	1	Carrier Mills	Sept. 21, 1970	8620
Albert F. Cockrum	Sesser	34	September 14, 1936	Waltonville	1	Sesser	Sept. 19, 1970	8621
Kenneth Lee Craig	West Frankfort	33	November 20, 1936	Vienna	1	Sesser	Sept. 19, 1970	8622
Walter B. Anderson	Christopher	30	February 10, 1940	West Frankfort	1	Sesser	Sept. 19, 1970	8623
Joseph D. Maller	Johnston City	38	March 14, 1932	Harrisburg	1	Sesser	Sept. 19, 1970	8624
Thomas L. Powell	Marion	37	June 1, 1933	Creal Springs	1	Sesser	Sept. 19, 1970	8625
Donald McNeal	Sesser	35	February 11, 1935	Zeigler	1	Benton	October 5, 1970	8626
Richard Wright	West Frankfort	31	November 23, 1938	West Frankfort	1	Benton	October 5, 1970	8627

CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1970—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Thomas E. Henley	Sesser	23	September 23, 1947	Rend City	1	Benton	October 5, 1970	8628
Donald R. Edmonds	Valier	27	April 18, 1943	Murphysboro	1	Benton	October 5, 1970	8629
John R. Winstead	Logan	27	Sept. 25, 1943	West Frankfort	1	Benton	October 5, 1970	8630
Joe Kosma	DuQuoin	47	February 12, 1923	Dowell	13	Benton	October 5, 1970	8631
Kenneth L. Cullum	Pittsburg	25	January 3, 1945	Herrin	1	Benton	October 5, 1970	8632
Kenneth A. Gant	Benton	27	July 16, 1943	West Frankfort	1	Benton	October 5, 1970	8633
Kent Marshall	Benton	36	March 20, 1934	Benton	4	Benton	October 5, 1970	8634
Richard Beavers	Cambria	45	July 1, 1925	Cambria	1	Benton	October 5, 1970	8635
Henry B. Browder	Mascoutah	31	February 5, 1939	Sumter, So. C.	1	Benton	October 5, 1970	8636
William M. Toth	West Frankfort	26	March 30, 1944	West Frankfort	1	Benton	October 5, 1970	8637
William F. Abasher	Logan	24	January 10, 1946	Logan	1	Benton	October 5, 1970	8638
Kenneth Conklin	Belleville	35	December 17, 1934	Belleville	1	Benton	October 5, 1970	8639
David E. Conklin	Belleville	30	October 28, 1939	Freeburg	1	Benton	October 5, 1970	8640
Thomas W. Devine	Waltonville	23	May 9, 1947	Harrisburg	1	Benton	October 5, 1970	8641
Jess W. White, Jr.	Sesser	35	November 16, 1934	Sesser	1	Benton	October 5, 1970	8642
James R. Moss	Logan	31	May 14, 1939	Buckner	1	Benton	October 5, 1970	8643
Gayland Chancey	DuQuoin	27	October 12, 1948	Granite City	1	DuQuoin	October 6, 1970	8644
Jack R. Heine	Pinckneyville	31	July 18, 1939	Pinckneyville	1	DuQuoin	October 6, 1970	8645
John D. Elza	Sesser	27	May 12, 1943	Shinnston, W. Va.	1	DuQuoin	October 6, 1970	8646
Gary D. Pippin	DuQuoin	25	June 23, 1945	St. Louis, Mo.	1	DuQuoin	October 6, 1970	8647
William C. Pritchett	Harrisburg	24	July 4, 1946	Eldorado	1	Eldorado	October 7, 1970	8648
Raphael E. Kingston	Harrisburg	56	August 5, 1914	Equality	30	Eldorado	October 7, 1970	8649
John L. Cole	Taylorville	42	November 7, 1927	Riverton	12	Springfield	October 12, 1970	8650
Howard D. Bates	Sesser	30	January 13, 1940	DuQuoin	1	Springfield	October 12, 1970	8651
William Grant	Thompsonville	34	Sept. 12, 1936	Johnston City	1	Johnston City	October 8, 1970	8652
Forrest E. Tolbert	Pittsburg	37	Sept. 23, 1933	Marion	1	Johnston City	October 8, 1970	8653
Willis H. Summers	Johnston City	38	Sept. 21, 1932	Effingham	1	Johnston City	October 8, 1970	8654
Tommie J. Dunnaway	Marion	23	March 3, 1947	Marion	1	Johnston City	October 8, 1970	8655
Richard L. Wade	Marion	33	April 26, 1937	Herrin	1	Johnston City	October 8, 1970	8656
Paul Lind	Johnston City	30	January 20, 1940	Stonefort	1	Johnston City	October 8, 1970	8657
Homer K. Stallings	Johnston City	35	Sept. 14, 1935	Johnston City	1	Johnston City	October 8, 1970	8658
Freeman Harris	West Frankfort	59	June 30, 1911	West Frankfort	1	Johnston City	October 8, 1970	8659
Paul F. Davis	West Frankfort	53	March 26, 1917	West Frankfort	1	Johnston City	October 8, 1970	8660
John L. Cox	Herrin	23	May 9, 1947	Herrin	1	Herrin	October 9, 1970	8661
Louis E. McGuire	DuQuoin	54	July 13, 1916	DuQuoin	1	Herrin	October 9, 1970	8662
Frank H. Wehmeyer	Sesser	27	July 6, 1943	St. Charles, Mo.	1	Herrin	October 9, 1970	8663
Gail D. Dye	Benton	22	April 10, 1948	Benton	3	Herrin	October 9, 1970	8664
William E. Fries	West Frankfort	47	May 18, 1923	Marion	1	Herrin	October 9, 1970	8665
Charles R. Brandon	Royalton	27	October 20, 1942	Herrin	1	Herrin	October 9, 1970	8666
Charles W. Thetford	Herrin	37	December 11, 1933	Herrin	1	Herrin	October 9, 1970	8667
Edward E. Phillips	Elkville	45	March 27, 1925	Elkville	20	West Frankfort	October 10, 1970	8668

Donald L. Atkins	Zeigler	37	August 15, 1933	Sesser	1	West Frankfort	October 10, 1970	8669
William Thomas Hall	West Frankfort	32	Sept. 3, 1938	West Frankfort	1	W. Frankfort	October 10, 1970	8670
Donald R. Eubanks	Sesser	34	August 30, 1936	Sesser	1	W. Frankfort	October 10, 1970	8671
Henry E. Golis	West Frankfort	26	November 15, 1943	Detroit, Mich.	1	W. Frankfort	October 10, 1970	8672
Jerry Lee Dunn	Benton	26	July 20, 1944	Cisne	1	W. Frankfort	October 10, 1970	8673
Ralph C. Webber	Benton	39	December 1, 1930	Galatia	1	W. Frankfort	October 10, 1970	8674
Loren A. Short	West Frankfort	32	December 25, 1937	West Frankfort	1	W. Frankfort	October 10, 1970	8675
Eugene R. Dodd	West Frankfort	28	October 19, 1941	West Frankfort	1	W. Frankfort	October 10, 1970	8676
Roger Barton	Carlinville	25	June 15, 1945	Pana	1	Taylorville	October 13, 1970	8677
Larry L. Richards	Edinburg	23	June 30, 1947	Taylorville	1	Taylorville	October 13, 1970	8678
John O. Kemp	Edinburg	19	February 13, 1951	Springfield	1	Taylorville	October 13, 1970	8679
Danny Magos	Pawnee	24	Sept. 17, 1946	Taylorville	1	Taylorville	October 13, 1970	8680
Ward Thomas	Edinburg	38	May 28, 1932	Danville	1	Taylorville	October 13, 1970	8681
Ray Blanford	Taylorville	44	April 22, 1926	Lincoln	1	Taylorville	October 13, 1970	8682
Kenneth R. Ostermeier	Edinburg	24	December 3, 1945	Taylorville	1	Taylorville	October 13, 1970	8683
Jack Neal	Taylorville	27	March 15, 1943	Taylorville	1	Taylorville	October 13, 1970	8684
Harold Joseph Wyatt	Langleyville	57	November 8, 1912	Coal City	1	Taylorville	October 13, 1970	8685
Francis Eugene Henry	Pana	41	July 8, 1929	Pana	1	Taylorville	October 13, 1970	8686
Earl Simmons	Springfield	31	February 14, 1939	Harvel	1	Taylorville	October 13, 1970	8687
Newell Elmore	Springfield	57	November 11, 1912	Coffeen	1	Carlinville	October 14, 1970	8688
John R. Laughland	West Frankfort	25	August 27, 1945	West Frankfort	1	Carlinville	October 14, 1970	8689
John S. Sharp	Rochester	23	February 2, 1947	Springfield	1	Carlinville	October 14, 1970	8690
Gordan P. Smith	Danville	38	February 28, 1932	Covington, Ind.	1	Carlinville	October 14, 1970	8691
Edward Kotcher	Westville	47	Sept. 28, 1923	Westville	1	Carlinville	October 14, 1970	8692
Charles N. Tweedy	Coffeen	49	December 25, 1920	West Frankfort	1	Carlinville	October 14, 1970	8693
Fernand A. Guyot	Nokomis	46	June 17, 1924	Nokomis	3	Carlinville	October 14, 1970	8694
Earl S. Garst	Girard	37	March 14, 1933	Girard	5	Carlinville	October 14, 1970	8695
John K. Wilson	Gillespie	46	January 14, 1924	Gillespie	4	Carlinville	October 14, 1970	8696
Nicholas T. Linden	Hillsboro	29	October 6, 1941	Chicago	1	Litchfield	October 15, 1970	8697
Tyrone French	Harrisburg	28	November 24, 1941	Detroit, Mich.	1	Harrisburg	October 16, 1970	8698
James C. Braden	Clay, Ky.	29	May 24, 1941	Clay, Ky.	1	Harrisburg	October 16, 1970	8699
Henry C. Reynolds	Oraville	47	Sept. 16, 1923	West Blocton, Ala.	8	Harrisburg	October 16, 1970	8700
Claud E. Miles	Equality	40	June 27, 1930	Whitesburg, Ky.	20	Harrisburg	October 16, 1970	8701
John Rice	Junction	20	Sept. 28, 1950	Harlan, Ky.	1	Harrisburg	October 16, 1970	8702
Harold D. Feazel	Harrisburg	33	November 12, 1936	Harrisburg	1	Carrier Mills	October 17, 1970	8703
Jeff Evans	Harrisburg	46	July 7, 1924	Harrisburg	1	Carrier Mills	October 17, 1970	8704
Chester L. Rollins	Carrier Mills	23	May 23, 1947	Carrier Mills	1	Carrier Mills	October 17, 1970	8705
John Wayne Baker	Marion	24	January 25, 1946	Marion	1	Carrier Mills	October 17, 1970	8706
Michael T. Cline	Harrisburg	27	December 30, 1942	Harrisburg	1	Carrier Mills	October 17, 1970	8707
Richard Dunk, Jr.	Harrisburg	22	November 18, 1947	Oak Park	1	Carrier Mills	October 17, 1970	8708
Roland H. Allen	Shawneetown	19	Sept. 23, 1951	Harlan, Ky.	1	Carrier Mills	October 17, 1970	8709
Carroll C. Ridley	Carrier Mills	23	February 19, 1947	Carrier Mills	1	Carrier Mills	October 17, 1970	8710
Gordon D. Hayes	Marion	42	June 20, 1928	Thompsonville	6	Carrier Mills	October 17, 1970	8711
William G. Revergaugh	Farmersburg	42	May 9, 1928	Vincennes, Ind.	22	Carrier Mills	October 17, 1970	8712
Stephen G. Busby	Pawnee	19	November 30, 1950	Pana	1	Springfield	Nov. 2, 1970	8713
Byron L. Busby	Springfield	22	January 26, 1948	Pana	1	Springfield	Nov. 2, 1970	8714
Leon W. Butler	Pawnee	23	March 15, 1947	Golconda	1	Springfield	Nov. 2, 1970	8715
Robert Brown	Medora	40	May 21, 1930	Mt. Claire	4	Springfield	Nov. 2, 1970	8716
Charles Collingsworth, Sr.	Raleigh	35	January 15, 1935	Middlesboro, Ky.	1½	Carrier Mills	Nov. 6, 1970	8717
Jerry W. Blair	Ridgway	20	May 23, 1950	Harlan, Ky.	1	Carrier Mills	Nov. 6, 1970	8718
Don A. Blair	Ridgway	32	March 5, 1938	Harlan, Ky.	1	Carrier Mills	Nov. 6, 1970	8719
Levi D. Fogle	Harrisburg	27	February 19, 1943	Bridgeport	1	Carrier Mills	Nov. 6, 1970	8720

CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1970—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Michael E. Chamness	Marion	23	December 12. 1946	Carbondale	1	Carrier Mills	Nov. 6 1970	8721
Jack D. Edwards	Ozark	24	October 21, 1946	Creal Springs	1	Carrier Mills	Nov. 6, 1970	8722
Roy Durbin	Taylorville	25	January 9, 1945	Taylorville	1	Taylorville	Nov. 5, 1970	8723
Wayne Callaway	Taylorville	24	January 3, 1946	Taylorville	1	Taylorville	Nov. 5, 1970	8724
Ronnie Burch	Taylorville	32	October 1, 1938	Georgetown	1	Taylorville	Nov. 5, 1970	8725
Gene Garthshore	Taylorville	25	July 16, 1945	Springfield	1	Taylorville	Nov. 5, 1970	8726
Robert L. Harlow	Tower Hill	28	April 9, 1942	Tower Hill	1	Taylorville	Nov. 5, 1970	8727
Barry Dennis	Taylorville	24	December 24, 1945	Taylorville	1	Taylorville	Nov. 5, 1970	8728
Dennis D. Beaman	Taylorville	24	June 17, 1946	Taylorville	1	Taylorville	Nov. 5, 1970	8729
George E. Adams	Taylorville	50	August 16, 1920	Taylorville	1	Taylorville	Nov. 5, 1970	8730
Johnny Russ Summers	Hillsboro	23	July 5, 1947	Vincennes, Ind.	1	Taylorville	Nov. 5, 1970	8731
John Mitchell Long	Hillsboro	20	December 25, 1949	Taylorville	1	Taylorville	Nov. 5, 1970	8732
Daniel Dean Rhodes	Hillsboro	23	June 17, 1947	Belleville	1	Taylorville	Nov. 5, 1970	8733
Noel D. Frost	Taylorville	30	Sept. 9, 1940	West Frankfort	1	Taylorville	Nov. 5, 1970	8734
Ernest Picket	Pawnee	19	Sept. 30, 1951	Springfield	1	Taylorville	Nov. 5, 1970	8735
Alan Wayne Holt	Coffeen	20	October 4, 1950	DuQuoin	1	Taylorville	Nov. 5, 1970	8736
Thomas Tucker	Taylorville	24	Sept. 12, 1946	Taylorville	1	Taylorville	Nov. 5, 1970	8737
Edward M. Gillen	Langleyville	23	May 1, 1947	Taylorville	1	Taylorville	Nov. 5, 1970	8738
James B. Osborne, Jr.	Marion	28	June 10, 1942	Johnston City	1	Benton	Nov. 9, 1970	8739
Larry C. Russell	Johnston City	30	Sept. 28, 1940	Carterville	1	Benton	Nov. 9, 1970	8740
Carlos H. Morse	Marion	26	Nov. 25, 1943	Hurst	1	Benton	Nov. 9, 1970	8741
Gary H. Adcock	Tamaroa	26	Sept. 19, 1944	DuQuoin	1	Benton	Nov. 9, 1970	8742
Gary L. Miller	Thompsonville	30	February 28, 1940	Benton	1	Benton	Nov. 9, 1970	8743
Charles L. Williams	Valier	28	August 27, 1942	Chicago	2	Benton	Nov. 9, 1970	8744
Vicky J. Talbert	Mt. Vernon	29	August 27, 1941	Johnsonville	1	Benton	Nov. 9, 1970	8745
Donald E. Smith	Royalton	41	May 6, 1929	Royalton	1	Benton	Nov. 9, 1970	8746
Marvin R. Bushong	Waltonville	24	Nov. 15, 1945	Waltonville	1	Benton	Nov. 9, 1970	8747
John F. Hargis	Buckner	34	Dec. 16, 1935	Buckner	2	Benton	Nov. 9, 1970	8748
Keith Littlefair	Christopher	20	April 19, 1950	Johnston City	2	Benton	Nov. 9, 1970	8749
John W. Bettis	Logan	31	Nov. 2, 1939	Benton	3	Benton	Nov. 9, 1970	8750
Oscar S. Bain	Benton	23	Sept. 6, 1947	Benton	1	Benton	Nov. 9, 1970	8751
James Burgess	Herrin	29	March 4, 1941	Herrin	1	Benton	Nov. 9, 1970	8752
Thomas Monti	Coello	31	March 29, 1939	Terrytown, N.Y.	1	Benton	Nov. 9, 1970	8753
Roger L. Brown	Christopher	22	Nov. 12, 1947	Christopher	1	Benton	Nov. 9, 1970	8754
Russell D. Phillips	DuQuoin	33	August 7, 1937	DuQuoin	1	Benton	Nov. 9, 1970	8755
Ronald Z. Carter	Tamaroa	28	Nov. 24, 1941	DuQuoin	1	Benton	Nov. 9, 1970	8756
Jerry L. Clark	Sesser	30	Sept. 12, 1940	West Frankfort	1	Benton	Nov. 9, 1970	8757
Sidney D. Gilbert	Waltonville	41	June 14, 1929	Waltonville	1	Benton	Nov. 9, 1970	8758
George R. Parks	Marion	31	June 15, 1939	Marion	1	Benton	Nov. 9, 1970	8759
George Allen VanHuss	Virden	28	Dec. 19, 1941	Virden	1	Virden	Nov. 7, 1970	8760
Lee W. Dodd	Auburn	25	May 28, 1945	Springfield	1	Virden	Nov. 7, 1970	8761

Edward Scott Pollo	Mt. Olive	26	Sept. 30, 1944	Chicago	1	Virden	Nov. 7, 1970	8762
R. Michael McGown	Virden	23	January 22, 1947	Carlinville	1	Virden	Nov. 7, 1970	8763
Dennis Roberts	Litchfield	25	May 2, 1945	St. Louis, Mo.	1	Virden	Nov. 7, 1970	8764
Clellie Wilson	Girard	44	June 1, 1926	Whiting, Ind.	1	Virden	Nov. 7, 1970	8765
John F. Thomas	Chrisman	32	April 11, 1938	Robinson	7	Westville	Nov. 10, 1970	8766
Gerald A. Baker	Brazil, Ind.	34	April 29, 1936	Indianapolis, Ind.	3	Westville	Nov. 10, 1970	8767
Kenneth C. Archer	Paris	34	Sept. 23, 1937	Brazil, Ind.	8	Westville	Nov. 10, 1970	8768
Billy G. Lamber	Newman	26	Sept. 5, 1944	West Frankfort	1	Westville	Nov. 10, 1970	8769
Richard E. Goans	Brocton	24	Nov. 22, 1945	State Line, Ind.	1	Westville	Nov. 10, 1970	8770
John Michael Underwood	Newman	25	March 8, 1945	Tuscola	1	Westville	Nov. 10, 1970	8771
Verlin W. Funkhouser	W. Terre Haute, Ind.	51	January 24, 1919	W. Terre Haute, Ind.	24	Westville	Nov. 10, 1970	8772
Donald D. Creasey	Terre Haute, Ind.	28	August 1, 1942	Terre Haute, Ind.	1	Westville	Nov. 10, 1970	8773
Samuel M. Thomas	Clinton, Ind.	29	Dec. 31, 1940	Palestine	10	Westville	Nov. 10, 1970	8774
Nick Klyaich	Clinton, Ind.	53	Dec. 18, 1917	Gary, Indiana	20	Westville	Nov. 10, 1970	8775
Jerry W. James	Westville	24	Nov. 29, 1945	Danville	1	Westville	Nov. 10, 1970	8776
Henry A. Vecellio	Westville	31	October 30, 1938	Westville	1	Westville	Nov. 10, 1970	8777
Donald W. Collingsworth	New Shawneetown	26	March 16, 1944	Middlesboro, Ky.	1	New Shawneetown	Nov. 12, 1970	8778
Joe B. Collingsworth	New Shawneetown	24	July 9, 1946	Middlesboro, Ky.	1	New Shawneetown	Nov. 12, 1970	8779
Louis D. Edmonds, Jr.	Equality	22	June 10, 1948	Harlan, Ky.	2	New Shawneetown	Nov. 12, 1970	8780
Stephen H. Raymer	New Shawneetown	19	April 28, 1951	Harrisburg	1	New Shawneetown	Nov. 12, 1970	8781
Donald R. Stacey	New Shawneetown	28	October 28, 1942	Shawneetown	1	New Shawneetown	Nov. 12, 1970	8782
William D. Winters	Ridgway	23	July 12, 1947	Elizabethtown	1	New Shawneetown	Nov. 12, 1970	8783
Donald R. Sheets	Harrisburg	25	March 16, 1945	Blue Island	1 ½	Eldorado	Nov. 13, 1970	8784
Thomas W. Carroll	Springfield	57	December 30, 1912	Gillespie	36	DuQuoin	Nov. 14, 1970	8785
Ronald L. Fairchild	Waltonville	23	January 15, 1947	Waltonville	1	DuQuoin	Nov. 14, 1970	8786
Raymond P. Gill	Nashville	39	June 9, 1931	Pinckneyville	3	DuQuoin	Nov. 14, 1970	8787
James E. Segers	Marion	22	August 24, 1948	Harrisburg	1	Harrisburg	Nov. 16, 1970	8788
Thomas Larry Fitts	Harrisburg	29	June 10, 1941	Eddyville, Ky.	1	Harrisburg	Nov. 16, 1970	8789
Larry D. Turner	Pittsburg	21	May 14, 1949	Harrisburg	1	Harrisburg	Nov. 16, 1970	8790
Roy A. Russell	Harrisburg	44	Dec. 14, 1925	Harrisburg	1	Harrisburg	Nov. 16, 1970	8791
Amos L. Reeves	Sesser	38	July 25, 1932	Sesser	1	West Frankfort	Nov. 17, 1970	8792
Jackie Dee Hampsey	Johnston City	29	January 18, 1941	West Frankfort	1	W. Frankfort	Nov. 17, 1970	8793
Bobbie D. Myers	Mt. Vernon	36	June 23, 1934	Keenes	1	W. Frankfort	Nov. 17, 1970	8794
Laverne Hinckle	Marion	47	March 1, 1923	Marion	7	W. Frankfort	Nov. 17, 1970	8795
Gerald R. Mumbower	West Frankfort	23	Sept. 25, 1947	Benton	1	W. Frankfort	Nov. 17, 1970	8796
Roy E. Schafer	Benton	47	July 10, 1923	Ava	25	W. Frankfort	Nov. 17, 1970	8797
Dennis R. Burgess	Herrin	21	Dec. 25, 1948	Herrin	1	W. Frankfort	Nov. 17, 1970	8798
Robert L. Oslager	Mt. Vernon	36	May 16, 1934	Ashley	1	W. Frankfort	Nov. 17, 1970	8799
Robert L. Hobson	Farmersville	43	August 6, 1927	Pawnee	1	Springfield	Dec. 7, 1970	8800
Gary M. Yasinski	Divernon	24	August 13, 1946	Springfield	1	Springfield	Dec. 7, 1970	8801
William Koches	Hillsboro	42	November 8, 1928	Sawyerville	3	Springfield	Dec. 7, 1970	8802
Larry L. Thompson	New Windsor	26	August 17, 1944	Viola	4 ½	Canton	Dec. 8, 1970	8803
Robert D. Sparks	Taylorville	52	November 22, 1918	Witt	4	Taylorville	Dec. 9, 1970	8804
Fredrick Richards	Edinburg	30	July 12, 1940	Breckenridge	1	Taylorville	Dec. 9, 1970	8805
Frank M. Orlandi	Taylorville	19	July 14, 1951	Taylorville	1	Taylorville	Dec. 9, 1970	8806
Michael F. Busonie	Edinburg	24	May 10, 1946	Berwyn	5	Taylorville	Dec. 9, 1970	8807
Donald L. Anderson	Kincaid	35	March 9, 1935	Morrisonville	1	Taylorville	Dec. 9, 1970	8808
Gene Russel Klyaic	Blandford, Ind.	28	December 9, 1942	Blandford, Ind.	1	Taylorville	Dec. 9, 1970	8809
Roy Lee Conrad	Taylorville	24	January 16, 1946	Taylorville	1	Taylorville	Dec. 9, 1970	8810
Jerome Pleshe	Tovey	26	April 4, 1944	Kincaid	1	Taylorville	Dec. 9, 1970	8811
Robert Eugene Moore	Edinburg	23	Sept. 2, 1947	Taylorville	1	Taylorville	Dec. 9, 1970	8812
Elmer Ray	Kincaid	25	December 22, 1944	Taylorville	1	Taylorville	Dec. 9, 1970	8813

CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1970—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Morris E. Dial	Springfield	36	July 4, 1943	Kincaid	1	Taylorville	Dec. 9, 1970	8814
Jacob Germann	Palmer	23	Sept. 21, 1947	Springfield	1	Taylorville	Dec. 9, 1970	8815
Wally Lee Heil, Jr.	Taylorville	29	June 5, 1941	Taylorville	1	Taylorville	Dec. 9, 1970	8816
Lewis P. Jarden	Benld	50	March 25, 1920	Bunker Hill	3	Carlinville	Dec. 10, 1970	8817
Ford R. Butler	Girard	45	June 19, 1925	Grand Rapids, Mi.	1	Carlinville	Dec. 10, 1970	8818
Gary Allen	Girard	23	Sept. 20, 1947	Carlinville	1	Carlinville	Dec. 10, 1970	8819
Leonard D. Davidson	Freeburg	27	April 7, 1943	Brookland, Ark.	1	Sparta	Dec. 11, 1970	8820
Edward W. Miller	Tilden	46	Sept. 10, 1924	Tilden	2	Sparta	Dec. 11, 1970	8821
Monie L. Testory	West Frankfort	36	January 2, 1934	Johnston City	1	W. Frankfort	Dec. 12, 1970	8822
Donald L. Emery	Energy	31	October 5, 1939	Carterville	1	W. Frankfort	Dec. 12, 1970	8823
William A. Kerley	Benton	27	January 13, 1943	Benton	1	W. Frankfort	Dec. 12, 1970	8824
Richard F. Gilliam	Benton	24	February 25, 1946	Benton	1	W. Frankfort	Dec. 12, 1970	8825
Jerry D. Lappin	Scheller	26	July 19, 1944	Mt. Vernon	1	W. Frankfort	Dec. 12, 1970	8826
Arthur Dale Mattingly	West Frankfort	23	June 23, 1947	Harrisburg	1	W. Frankfort	Dec. 12, 1970	8827
Gale S. Bailey	Christopher	49	January 21, 1921	Waltonville	1	Benton	Dec. 14, 1970	8828
Floyd J. Hogg	Mt. Vernon	47	February 26, 1923	Colp	4	Benton	Dec. 14, 1970	8829
Paul G. Wilburn	West Frankfort	40	November, 9, 1930	Benton	1	Benton	Dec. 14, 1970	8830
Michael R. Jones	Christopher	26	July 11, 1944	DuQuoin	1	Benton	Dec. 14, 1970	8831
Arthur Duchene	Mulkeytown	33	August 19, 1937	Mulkeytown	1	Benton	Dec. 14, 1970	8832
Noble W. Montomery	Valier	26	May 25, 1944	Chicago Heights	1	Benton	Dec. 14, 1970	8833
Harry B. Hewlett	Royalton	31	May 16, 1939	Herrin	1	Benton	Dec. 14, 1970	8834
Ronald R. Cluck	Galatia	22	Sept. 10, 1948	McCleansboro	1	Eldorado	Dec. 16, 1970	8835
Robert L. Hayes	New Haven	39	November 8, 1931	Neely, Ark.	2½	Eldorado	Dec. 16, 1970	8836
John Etienne	Eldorado	38	September 25, 1932	Springertown	1	Eldorado	Dec. 16, 1970	8837
Kenneth D. Bond	Galatia	21	December 8, 1949	Harrisburg	1	Eldorado	Dec. 16, 1970	8838
Kerry Dean Morris	Galatia	20	July 1, 1950	Eldorado	1	Eldorado	Dec. 16, 1970	8839
James G. Williams	Norris City	35	September 11, 1935	Marion, Ky.	1	Eldorado	Dec. 16, 1970	8840
Howard A. Wetzel	Mt. Vernon	54	October 14, 1916	Beaucoup	1	Sesser	Dec. 17, 1970	8841
Lynn Funkhouser	Mt. Vernon	33	December 2, 1937	Mt. Vernon	1	Sesser	Dec. 17, 1970	8842
Randall L. Palmowski	Sesser	22	June 27, 1948	Chicago	1	Sesser	Dec. 17, 1970	8843
Daniel Inabnit	Sesser	27	October 14, 1943	Mulkeytown	1	Sesser	Dec. 17, 1970	8844
Ritchie Tutkus	Herrin	23	October 26, 1947	Herrin	1	Marion	Dec. 18, 1970	8845
Howard A. Dirler	DuQuoin	24	June 14, 1946	DuQuoin	1	DuQuoin	Dec. 15, 1970	8846
Don Allen Morris	Hillsboro	26	October 31, 1944	Newburg	1	DuQuoin	Dec. 15, 1970	8847
Stanley Chwasczinski	Nashville	51	July 22, 1919	Ashley	1	DuQuoin	Dec. 15, 1970	8848
George Albert Roye	Valier	35	February 23, 1935	Orient	1	DuQuoin	Dec. 15, 1970	8849
Charles E. Mitchell	Carrier Mills	48	August 2, 1922	Carrier Mills	1	Carrier Mills	Dec. 19, 1970	8850
George A. Fisk	Harrisburg	37	December 4, 1933	Stonefort	1	Carrier Mills	Dec. 19, 1970	8851
Charles R. Sloan	Raleigh	46	June 22, 1924	Galatia	1	Carrier Mills	Dec. 19, 1970	8852
Richard L. Thompson	Harrisburg	23	October 24, 1947	Harrisburg	1	Carrier Mills	Dec. 19, 1970	8853
Gary L. Randolph	Carrier Mills	27	April 29, 1943	Stonefort	1	Carrier Mills	Dec. 19, 1970	8854

Larry L. Troxel	Creal Springs	24	Sept. 8, 1946	Marion	1	Carrier Mills	Dec. 19, 1970	8855
Ellis G. Reynolds	Stonefort	28	April 13, 1942	Stonefort	3	Carrier Mills	Dec. 19, 1970	8856
Billy J. Davis	Carrier Mills	48	January 21, 1922	Carrier Mills	22	Carrier Mills	Dec. 19, 1970	8857
Jerry O. Hedgepath	Sturgis, Ky.	26	March 18, 1944	Sturgis, Ky.	1	Carrier Mills	Dec. 19, 1970	8858
Douglas L. McMain	Sturgis, Ky.	27	May 17, 1943	Sturgis, Ky.	1	Carrier Mills	Dec. 19, 1970	8859
Jerrell K. Chaney	Harrisburg	28	February 15, 1942	Harrisburg	1	Carrier Mills	Dec. 19, 1970	8860
Ernest Sizemore	Eldorado	58	Sept. 2, 1912	Harlan, Ky.	23	Carrier Mills	Dec. 19, 1970	8861
James A. Vaughn	New Shawneetown	46	December 1, 1924	Lejunior, Ky.	28	Carrier Mills	Dec. 19, 1970	8862
Dennis McPheron	Herrin	24	August 6, 1946	Herrin	1	Carrier Mills	Dec. 19, 1970	8863
Clarence Blair	Raleigh	19	June 16, 1951	Harlan, Ky.	1	Carrier Mills	Dec. 19, 1970	8864
Joseph C. Grogan	New Shawneetown	25	January 15, 1945	Harlan, Ky.	1	Carrier Mills	Dec. 19, 1970	8865

SUMMARY OF ACTIVITIES OF MINE RESCUE STATIONS

	Benton	DuQuoin	Eldorado	Springfield	Total
Number of persons trained on 100% First Aid Program	124	13	98	335	570
Candidates for additional Training Certificates	....	.....	.....	.....	....
Number of men trained as First Aid Instructors or Key Men	1	.....	.....	.....	1
Number of plants, schools, mines, etc., given 100% training	....	.....	.....	2	2
Number of men given complete Mine Rescue Training	10	2	2	7	21
Number of men given modified Mine Rescue Course	149	3	18	328	498
Number of calls to mines on emergencies	1	.....	.....	.....	1
Number of miscellaneous calls other than mines	....	.....	.....	.....	....

REPORT OF METAL MINES OPERATONS—FLUORSPAR, ZINC & LEAD—1970

NAME, LOCATION OF MINES, DEPTH OF SHAFT, USE OF PRODUCTS, METHOD OF HOISTING AND MINING

Name of operator	Location of Mine		Depth of shaft	Product used for—	Method of hoisting	Method of mining Hand, Machine or Both
	Post office	County				
Eagle-Picher Industries, Inc., "Bautsch"	Galena	Jo Daviess	225′	Zinc & Lead Concentrates	Incline	Machine
Eagle-Picher Industries, Inc., Blackjack Mine	Galena	Jo Daviess	225′	Zinc & Lead Concentrates	Incline	Machine
Eagle-Picher Industries, Inc., Gray Mine	Galena	Jo Daviess	225′	Zinc & Lead Concentrates	Incline	Machine
Eagle-Picher Industries, Inc., "Rehm-Bauer"	Galena	Jo Daviess	225′	Zinc & Lead Concentrates	Incline	Machine
Minerva Oil Company Fairbairn-Jefferson	Golconda	Pope	460′	Making Fluorine Chemicals	Electric	Machine
Minerva Oil Company "Gaskins"	Herod	Pope	520′	Making Fluorine Chemicals	Electric	Machine
Minerva Oil Company Mine #1 & Mill #1	Cave-In-Rock	Hardin	645′	Making Fluorine Chemicals metallurgical	Electric	Machine
Ozark-Mahoning Company (13 active shafts)	Rosiclare	Pope & Hardin	160′ to 873′	Mill teed for Concentrate	Plant Electric	Machine

METAL MINES OPERATIONS—FLUORSPAR, LEAD & ZINC—1970

Name of operator	Production in tons Fluorspar	Number employed	Days worked	Lead and zinc	Explosives used—dynamite, pounds	Accidents		Tons shipped to points in		
						Fatal	Non-fatal	Illinois	Other states	Foreign countries
Eagle-Picher Industries, Inc. "Bautsch"		10	273	112,345	124,081	1	3	112,345		
Eagle-Picher Industries, Inc. "Blackjack"		7	273	113,094	124,895		2	113,094		
Eagle-Picher Industries, Inc. Gray Mine		4	136	30,881	34,102		3	30,881		
Eagle-Picher Industries, Inc. Rehm-Bauer		4	15	6,919	7,646			6,919		
Minerva Oil Co. Fairbairn-Jefferson	17,132	10	257		27,100		2	17,132		
Minerva Oil Co. Gaskins	36,324	20	276		108,972		8	36,324		
Minerva Oil Co. Mine #1 - Mill #1	163,128	101	275 & 346		* 131,000 121,600		10	1,683	53,407	Canada 1386 India 55
Ozark-Mahoning 13 Shafts	340,893	72	312		* 269,710 176,650		14	340,893		

* Ammonium Nitrate

STATE MINING BOARD CERTIFICATES ISSUED FOR STATE MINE INSPECTORS—1970

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Angel, Harold V.	Marion	Williamson	49	Illinois	April 27, 28, 1970	518
Porter, Leon E.	Mt. Vernon	Jefferson	55	Virginia	April 27, 28, 1970	519
Rose, Russell W.	Harrisburg	Saline	47	Illinois	April 27, 28, 1970	520
Stocks, Clarence	Johnston City	Williamson	60	Alabama	April 27, 28, 1970	521
Travelstead, Robert	Carrier Mills	Saline	40	Illinois	April 27, 28, 1970	522
White, James L.	Hillsboro	Montgomery	46	Illinois	April 27, 28, 1970	523
Williams, George T.	W. Frankfort	Franklin	45	Illinois	April 27, 28, 1970	524
Fleming, Johnnie H.	DuQuoin	Perry	49	Illinois	October 19 & 20, 1970	525

STATE MINING BOARD CERTIFICATES ISSUED FOR MINE RESCUE STATION ASSISTANT

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Short, Joseph C.	Johnston City	Williamson	73	Illinois	April 27, 1970	....
Cicardi, Santo	Pinckneyville	Perry	60	Illinois	October 19, 1970	....

STATE MINING BOARD CERTIFICATES ISSUED FOR MINE MANAGERS—FIRST CLASS—1970

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Allen, Merril Austin	Stonington	Christian	48	Illinois	April 27, 1970	4312
Bailey, Charles M.	Christopher	Franklin	29	Illinois	April 27, 1970	4313
Bianchetta, Anthony	Taylorville	Christian	39	Illinois	April 27, 1970	4314
Colwell, Herman	Mt. Vernon	Jefferson	55	Kentucky	April 27, 1970	4315
Cockrum, Charles R.	Benton	Franklin	46	Illinois	April 27, 1970	4316
Crews, Gary Arthur	Taylorville	Christian	31	Illinois	April 27, 1970	4317
Dempsey, Ben	Eldorado	Saline	51	Illinois	April 27, 1970	4318
Doty, Richard L.	W. Frankfort	Franklin	32	Illinois	April 27, 1970	4319
Eubanks, Harry	Benton	Franklin	32	Illinois	April 27, 1970	4320
Evilsizer, Bradley	Christopher	Franklin	32	Illinois	April 27, 1970	4321
Evrard, Noel	Marion	Williamson	35	Illinois	April 27, 1970	4322
Fleming, Johnnie H.	DuQuoin	Perry	49	Illinois	April 27, 1970	4323
Goessman, Harold D.	Sesser	Franklin	29	Illinois	April 27, 1970	4324
Green, Ralph J.	Pawnee	Sangamon	46	Illinois	April 27, 1970	4325
Gross, James Wayne	Kincaid	Christian	28	Illinois	April 27, 1970	4326
Hall, Robert L.	Taylorville	Christian	27	Illinois	April 27, 1970	4327
Harris, Joe H.	Harrisburg	Saline	44	Illinois	April 27, 1970	4328
Hinkle, William G.	Virden	Macoupin	52	Illinois	April 27, 1970	4329
Johnson, Alexander	Zeigler	Franklin	48	Illinois	April 27, 1970	4330
Little, Oliver, Jr.	Mt. Vernon	Jefferson	45	Kentucky	April 27, 1970	4331
Little, Paul E.	Johnston City	Williamson	42	Illinois	April 27, 1970	4332
Luster, William C.	Benton	Franklin	29	Illinois	April 27, 1970	4333

STATE MINING BOARD CERTIFICATES ISSUED FOR
MINE MANAGERS—FIRST CLASS—1970—Continued

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
McCluskey, Gary M.	Carterville	Williamson	32	Illinois	April 27, 1970	4334
McSpadden, Richard	Herrin	Williamson	35	Illinois	April 27, 1970	4335
Melvin, Robert Lee	W. Frankfort	Franklin	43	Illinois	April 27, 1970	4336
Meracle, Bruce	Pittsburg	Williamson	47	Illinois	April 27, 1970	4337
Merreil, J. W.	Pittsburg	Williamson	32	Illinois	April 27, 1970	4338
Miller, Donald G.	Carrier Mills	Saline	38	Illinois	April 27, 1970	4339
Menossi, Orlando	Tovey	Christian	48	Illinois	April 27, 1970	4340
Moore, Wilson R.	Shelburn, Ind.	Sullivan	45	Indiana	April 27, 1970	4341
Morgan, Bennie E.	Carlinville	Macoupin	38	Kentucky	April 27, 1970	4342
Morris, George Jr.	W. Frankfort	Franklin	45	Illinois	April 27, 1970	4343
Powell, Donald G.	Herrin	Williamson	38	Illinois	April 27, 1970	4344
Ramey, Dan	Waltonville	Jefferson	44	Kentucky	April 27, 1970	4345
Rolla, Joel N.	Christopher	Franklin	36	Illinois	April 27, 1970	4346
Sample, William E.	Sesser	Franklin	35	Illinois	April 27, 1970	4347
Sharknas, John R.	W. Frankfort	Franklin	26	Illinois	April 27, 1970	4348
Smith, James Robert	Christopher	Franklin	32	Illinois	April 27, 1970	4349
Starrick, Franklin	Carrier Mills	Williamson	30	Illinois	April 27, 1970	4350
Stull, Warner B.	Harrisburg	Saline	54	Illinois	April 27, 1970	4351
Swanson, LeRoy A.	Woodhull	Henry	53	Illinois	April 27, 1970	4352
Sanford, Charles E.	Benton	Franklin	40	W. Virginia	April 27, 1970	4353
Teverbaugh, William	Farmersburg (Ind)	Sullivan	42	Indiana	April 27, 1970	4354
Vaught, Russell A.	W. Frankfort	Franklin	25	Indiana	April 27, 1970	4355
Wyatt, Kenneth O.	Taylorville	Christian	48	Illinois	April 27, 1970	4356
Anderson, Gary W.	Thayer	Sangamon	28	Indiana	October 19, 1970	4357
Baker, C. Paul	Harrisburg	Saline	54	Illinois	October 19, 1970	4358
Belcher, Roscoe G.	Marion	Williamson	34	Illinois	October 19, 1970	4359
Brewer, Charles R.	Sesser	Franklin	39	Kentucky	October 19, 1970	4360
Bozarth, Joseph A.	W. Frankfort	Franklin	43	Illinois	October 19, 1970	4361
Carbagal, Manuel	Carlinville	Macoupin	51	Mexico	October 19, 1970	4362
Clark, Joe W.	DuQuoin	Perry	44	Illinois	October 19, 1970	4363
Crnokrak, Robert	Buckner	Franklin	32	Illinois	October 19, 1970	4364
Dawes, Robert L.	Marion	Williamson	45	Illinois	October 19, 1970	4365
Drea, Edward	Taylorville	Christian	47	Illinois	October 19, 1970	4366
Evetts, William Ray	Stonefort	Williamson	39	Illinois	October 19, 1970	4367
Ferrell, Larry	Carrier Mills	Saline	35	Illinois	October 19, 1970	4368
Fowler, Jack	Galatia	Saline	34	Illinois	October 19, 1970	4369
Goaring, John R.	Marissa	St. Clair	48	Illinois	October 19, 1970	4370
Gulley, Nolan D.	Valier	Franklin	38	Illinois	October 19, 1970	4371
Hahn, Gene	DuQuoin	Perry	38	Illinois	October 19, 1970	4372
Harben, Donald Jack	Benton	Franklin	38	Illinois	October 19, 1970	4373
Harkins, Jerry D.	W. Frankfort	Franklin	31	Illinois	October 19, 1970	4374
Harris, James W.	Coulterville	Washington	43	Illinois	October 19, 1970	4375
Harvel, George A.	Hillsboro	Montgomery	28	Illinois	October 19, 1970	4376
Hudachko, A. Jan	Benton	Franklin	33	Illinois	October 19, 1970	4377
Jones, Jerry O.	Sesser	Franklin	31	Illinois	October 19, 1970	4378
Lawrence, John N.	Coffeen	Montgomery	35	Illinois	October 19, 1970	4379
Long, Darrell G.	Johnston City	Williamson	45	Illinois	October 19, 1970	4380
Martin, Michael K.	Galatia	Saline	28	Illinois	October 19, 1970	4381
Morgan, Monty M.	Zeigler	Franklin	26	Michigan	October 19, 1970	4382
Reiniesch, Joseph	Gillespie	Macoupin	49	Illinois	October 19, 1970	4383
Roberts, Paul E.	Sesser	Franklin	27	Illinois	October 19, 1970	4384
Shimkus, Ervin L.	Chatham	Sangamon	31	Illinois	October 19, 1970	4385
Sisk, LeRoy	W. Frankfort	Franklin	43	Illinois	October 19, 1970	4386
Thompson, James M.	Marion	Williamson	49	Illinois	October 19, 1970	4387
Tucker, Eugene H.	Mt. Vernon	Jefferson	47	Kentucky	October 19, 1970	4388
Wells, Jack	Johnston City	Williamson	51	Illinois	October 19, 1970	4389
Whitlow, Phillip S.	Edinburg	Christian	27	Illinois	October 19, 1970	4390
Wiley, G. B.	Harrisburg	Saline	55	Illinois	October 19, 1970	4391
Williams, Eugene	W. Frankfort	Franklin	29	Illinois	October 19, 1970	4392
Wilson, James L.	Sesser	Franklin	31	Illinois	October 19, 1970	4393
Zettler, Kenneth L.	Sesser	Franklin	34	Illinois	October 19, 1970	4394

STATE MINING BOARD CERTIFICATES ISSUED FOR MINE EXAMINERS—1970

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Alexander, George	Harrisburg	Saline	45	Illinois	April 27, 1970	5383
Anderson, Kenneth	Marion	Williamson	48	Illinois	April 27, 1970	5384
Avripos, Tony	Herrin	Williamson	53	Illinois	April 27, 1970	5385
Baker, Clinton P.	Harrisburg	Saline	54	Illinois	April 27, 1970	5386
Belcher, Roscoe G.	Marion	Williamson	34	Illinois	April 27, 1970	5387
Bilyeu, Richard	Owaneco	Christian	28	Eno Ontario	April 27, 1970	5388
Blanchetti, James	Taylorville	Christian	45	Illinois	April 27, 1970	5389
Boatright, Vernon	Harrisburg	Saline	38	Illinois	April 27, 1970	5390
Booten, John M.	Equality	Gallatin	29	Illinois	April 27, 1970	5391
Burns, Hugh Thomas	W. Frankfort	Franklin	30	Illinois	April 27, 1970	5392
Caraker, John A.	W. Frankfort	Franklin	38	Illinois	April 27, 1970	5393
Carbagal, Manuel	Taylorville	Christian	50	Mexico	April 27, 1970	5394
Clark, Joe W.	DuQuoin	Perry	43	Illinois	April 27, 1970	5395
Collier, James R. Jr.	Taylorville	Christian	44	Illinois	April 27, 1970	5396
Calvin, Paul J.	W. Frankfort	Franklin	52	Illinois	April 27, 1970	5397
Dawes, J. W.	Marion	Williamson	40	Illinois	April 27, 1970	5398
Dawes, Robert Lee	Marion	Williamson	44	Illinois	April 27, 1970	5399
Eggerman, Noren	Taylorville	Christian	47	Illinois	April 27, 1970	5400
Eubanks, Lyle E.	Sesser	Franklin	37	Illinois	April 27, 1970	5401
Ewell, John L.	Harrisburg	Saline	42	Illinois	April 27, 1970	5402
Ferrell, Larry	Carrier Mills	Saline	35	Illinois	April 27, 1970	5403
Flynn, Ronald F.	Taylorville	Christian	31	Michigan	April 27, 1970	5404
Gentry, Thomas V.	Herrin	Williamson	29	Illinois	April 27, 1970	5405
Gower, William A.	Johnston City	Williamson	45	Illinois	April 27, 1970	5406
Gower, Oral F.	Marion	Williamson	42	Illinois	April 27, 1970	5407
Gray, Gary Eugene	Benton	Franklin	25	Indiana	April 27, 1970	5408
Groves, Floyd L.	Benton	Franklin	36	Illinois	April 27, 1970	5409
Hammond, Robert E.	Benton	Franklin	39	Illinois	April 27, 1970	5410
Hardcastle, Otis	Royalton	Franklin	49	Illinois	April 27, 1970	5411
Harvel, George A.	Hillsboro	Montgomery	28	Illinois	April 27, 1970	5412
Hatcher, Paul T.	Hillsboro	Montgomery	28	Missouri	April 27, 1970	5413
Hudachko, Albert	Benton	Franklin	35	Illinois	April 27, 1970	5414
Jones, Jerry Deon	Sesser	Franklin	30	Illinois	April 27, 1970	5415
Larcher, Donald R.	Taylorville	Christian	29	Illinois	April 27, 1970	5416
Lawrence, John	Coffeen	Montgomery	35	Illinois	April 27, 1970	5417
Lee, James Allan	Springfield	Sangamon	27	Illinois	April 27, 1970	5418
Long, Darrell G.	Johnston City	Williamson	45	Illinois	April 27, 1970	5419
Long, Harold	Johnston City	Williamson	47	Illinois	April 27, 1970	5420
Mason, Dale F.	W. Frankfort	Franklin	27	Illinois	April 27, 1970	5421
McMain, James R.	Benton	Franklin	37	Kentucky	April 27, 1970	5422
McQuire, William	Taylorville	Christian	26	Illinois	April 27, 1970	5423
Mense, Larry	Kincaid	Christian	28	Illinois	April 27, 1970	5424
Mitchell, John D.	Zeigler	Franklin	51	Illinois	April 27, 1970	5425
Pflasterer, Philip	Coulterville	Randolph	48	Illinois	April 27, 1970	5426
Ponsetti, Jack E.	Benton	Franklin	42	Illinois	April 27, 1970	5427
Ponsetti, John Jr.	Benton	Franklin	44	Illinois	April 27, 1970	5428
Ralston, Gary S.	Eldorado	Saline	27	Illinois	April 27, 1970	5429
Raney, Stanley N.	Coulterville	Randolph	51	Illinois	April 27, 1970	5430
Ray, Billy D.	Christopher	Franklin	45	Illinois	April 27, 1970	5431
Reiniesch, Joseph	Gillespie	Macoupin	49	Illinois	April 27, 1970	5432
Rice, Kenneth W.	Benton	Franklin	42	Illinois	April 27, 1970	5433
Ridley, Carroll	Carrier Mills	Saline	48	Illinois	April 27, 1970	5434
Roberts, Donald R.	DuQuoin	Perry	42	Illinois	April 27, 1970	5435
Roberts, Paul E.	Sesser	Franklin	27	Illinois	April 27, 1970	5436
Runyon, Carl	Equality	Gallatin	28	Kentucky	April 27, 1970	5437
Scott, Robert H.	Carrier Mills	Saline	32	Tennessee	April 27, 1970	5438
Shimkus, Ervin L.	Chatham	Sangamon	31	Illinois	April 27, 1970	5439
Spillman, Robert	Benton	Franklin	31	Illinois	April 27, 1970	5440
Sullivan, Donald	Auburn	Sangamon	28	Illinois	April 27, 1970	5441
Sutherland, Billy	Carlinville	Macoupin	25	Virginia	April 27, 1970	5442
Tanner, Donald	Harrisburg	Saline	39	Illinois	April 27, 1970	5443
Thompson, James	Marion	Williamson	48	Illinois	April 27, 1970	5444
Wade, Paul C.	Herrin	Williamson	52	Illinois	April 27, 1970	5445
Waldron, Virgil L.	Cambria	Williamson	44	Illinois	April 27, 1970	5446
Walker, Henry J.	Taylorville	Christian	41	Illinois	April 27, 1970	5447
Waller, Thomas S.	Zeigler	Franklin	37	Illinois	April 27, 1970	5448
Whitecotton, Don	Herrin	Williamson	52	Illinois	April 27, 1970	5449
Whitlow, Phillip	Edinburg	Christian	27	Illinois	April 27, 1970	5450
Wilson, James L.	Sesser	Franklin	30	Illinois	April 27, 1970	5451
Zettler, Kenneth	Sesser	Franklin	34	Illinois	April 27, 1970	5452
Adcock, Philip G.	Gillespie	Macoupin	37	Illinois	October 19, 1970	5453

MINE EXAMINERS—Concluded

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Anthony, Roscoe E.	Thompsonville	Franklin	44	Illinois	October 19, 1970	5454
Atchison, Lloyd	Sesser	Franklin	34	Illinois	October 19, 1970	5455
Baggott, John R.	Harrisburg	Saline	51	Illinois	October 19, 1970	5456
Barclay, David Lee	Johnston City	Williamson	30	Illinois	October 19, 1970	5457
Barger, Jack L.	Muddy	Saline	25	Illinois	October 19, 1970	5458
Beavers, Bob R.	W. Frankfort	Franklin	41	Illinois	October 19, 1970	5459
Bechelli, Fred E.	W. Frankfort	Franklin	35	Illinois	October 19, 1970	5460
Blair, Thurman E.	Raleigh	Saline	35	Kentucky	October 19, 1970	5461
Blus, Joe	Belleville	St. Clair	48	Illinois	October 19, 1970	5462
Bottine, Charles	Marissa	St. Clair	48	Missouri	October 19, 1970	5463
Bowsher, William	Pawnee	Sangamon	35	Illinois	October 19, 1970	5464
Brooks, Eddie A.	Waltonville	Jefferson	34	Illinois	October 19, 1970	5465
Bryant, Benny J.	Shawneetown	Gallatin	28	Illinois	October 19, 1970	5466
Carson, Paul W.	O'Fallon	St. Clair	43	Illinois	October 19, 1970	5467
Castleman, Floyd	W. Frankfort	Franklin	39	Illinois	October 19, 1970	5468
Cincebox, Charles	Auburn	Sangamon	41	Illinois	October 19, 1970	5469
Cockrum, Noble L.	Mulkeytown	Franklin	32	Illinois	October 19, 1970	5470
Cole, John L.	Taylorville	Christian	42	Illinois	October 19, 1970	5471
Crayne, Arthur C.	Equality	Gallatin	47	Illinois	October 19, 1970	5472
Curry, Loren Ray	Johnston City	Williamson	27	Illinois	October 19, 1970	5473
Dillman, Edward E.	Herrin	Williamson	46	Illinois	October 19, 1970	5474
Donahue, Harry R.	Marion	Williamson	31	Illinois	Ocotber 19, 1970	5475
Earnheart, Terry	W. Frankfort	Franklin	29	Illinois	October 19, 1970	5476
Edwards, Cecil	Marion	Williamson	56	Illinois	October 19, 1970	5477
Edwards, Vernon L.	Harrisburg	Saline	35	Illinois	October 19, 1970	5478
Feist, Donald H.	Caseyville	St. Clair	36	Illinois	October 19, 1970	5479
Feist, Stanley F.	O'Fallon	St. Clair	45	Illinois	October 19, 1970	5480
Forbes, Jack	Royalton	Franklin	41	Illinois	October 19, 1970	5481
Griffin, Michael	Royalton	Franklin	25	Illinois	October 19, 1970	5482
Harris, Allen Roy	DuQuoin	Perry	32	Illinois	October 19, 1970	5483
Harris, Marvin E.	W. Frankfort	Franklin	42	Illinois	October 19, 1970	5484
VOID October 19, 1970 5485					October 19, 1970	5485
Hood, William H.	W. Frankfort	Franklin	31	Illinois	October 19, 1970	5486
Hutchens, Kenneth	Benton	Franklin	29	Illinois	October 19, 1970	5487
Hutson, Fred D.	Carrier Mills	Saline	26	Illinois	October 19, 1970	5488
Knowles, Johnnie	Carrier Mills	Saline	25	Illinois	October 19, 1970	5489
Kosma, Joe	DuQuoin	Perry	47	Illinois	October 19, 1970	5490
Lanzerotte, Stanley	Gillespie	Macoupin	53	Missouri	October 19, 1970	5491
Leek, Charles M.	Coello	Franklin	40	Illinois	October 19, 1970	5492
Lindsey, Clarence	W. Frankfort	Franklin	47	Illinois	October 19, 1970	5493
Link, Billie D.	Gillespie	Macoupin	40	Illinois	October 19, 1970	5494
Martie, Jerry D.	Elkville	Jackson	31	Illinois	October 19, 1970	5495
Marshall, Kent K.	Benton	Franklin	36	Illinois	October 19, 1970	5496
McClintock, Lloyd	W. Frankfort	Franklin	36	Illinois	October 19, 1970	5497
Morgan, Leon	Zeigler	Franklin	27	Michigan	October 19, 1970	5498
Morgan, Silas Jr.	Elkville	Jackson	48	Illinois	October 19, 1970	5499
Page, Farrell D.	Sesser	Franklin	35	Illinois	October 19, 1970	5500
Phillips, Edward	Elkville	Jackson	45	Illinois	October 19, 1970	5501
Powell, Bill D.	Galatia	Saline	37	Illinois	October 19, 1970	5502
Rathert, Marvin	Steeleville	Randolph	34	Illinois	October 19, 1970	5503
Reiniesch, David	Gillespie	Macoupin	22	Illinois	October 19, 1970	5504
Ronchetto, Joe R.	Christopher	Franklin	24	Illinois	October 19, 1970	5505
Schmidt, William	Benton	Franklin	35	Illinois	October 19, 1970	5506
Schriber, Michael	Wapella	DeWitt	32	Missouri	October 19, 1970	5507
Smith, Charles R.	Benton	Franklin	34	Illinois	October 19, 1970	5508
Smith, Kenneth D.	West Frankfort	Franklin	31	Illinois	October 19, 1970	5509
Stephenson, Charles	Marion	Williamson	25	Illinois	October 19, 1970	5510
Summers, Andrew J.	West Frankfort	Franklin	51	Illinois	October 19, 1970	5511
Sevan, C. Wayland	Marion	Williamson	33	Illinois	October 19, 1970	5512
Vercoglio, John W.	Benld	Macoupin	29	Illinois	October 19, 1970	5513
Wall, Billy K.	W. Frankfort	Franklin	35	Illinois	October 19, 1970	5514
Warren, Gale N.	W. Frankfort	Franklin	32	Illinois	October 19, 1970	5515
Watson, Hallie E.	Marion	Williamson	44	Illinois	October 19, 1970	5516
Webber, Darrell	Orient	Franklin	29	Illinois	October 19, 1970	5517
Whitlow, Ronald	Edinburg	Christian	31	Illinois	October 19, 1970	5518
Williams, Jackie	Sparta	Randolph	31	Illinois	October 19, 1970	5519
Williams, James H.	Taylorville	Christian	55	Illinois	October 19, 1970	5520
Woodside, Cecil D.	DuQuoin	Perry	40	Illinois	October 19, 1970	5521
Young, Andrew C.	Tovey	Christian	41	Illinois	October 19, 1970	5522

STATE MINING BOARD CERTIFICATES ISSUED FOR ELECTRIC HOISTING ENGINEER—1970

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Anderson, Keith	Herrin	Williamson	34	Illinois	April 27, 1970	1352
Crayne, James Ray	Equality	Gallatin	33	Illinois	April 27, 1970	1353
Dees, David L.	Equality	Gallatin	41	Illinois	April 27, 1970	1354
Dorris, James E.	Sesser	Franklin	26	Illinois	April 27, 1970	1355
Hancock, Harold	Carrier Mills	Saline	52	Illinois	April 27, 1970	1356
Harstick, Kenneth	Coulterville	Randolph	23	Illinois	April 27, 1970	1357
Lane, Daniel	Harrisburg	Saline	34	Illinois	April 27, 1970	1358
Mahaffey, Dennis	Eldorado	Saline	28	Illinois	April 27, 1970	1359
Meacham, Raleigh	Logan	Franklin	36	Illinois	April 27, 1970	1360
Meyers, Thomas G.	Benton	Franklin	44	Illinois	April 27, 1970	1361
Morris, Floyd R.	W. Frankfort	Franklin	58	Illinois	April 27, 1970	1362
Mygatt, Tommy L.	Sesser	Franklin	27	Illinois	April 27, 1970	1363
Roberts, James C.	Sesser	Franklin	23	Illinois	April 27, 1970	1364
Sulcer, William C.	Sesser	Franklin	32	Illinois	April 27, 1970	1365
Thompson, Tedy F.	Sesser	Franklin	23	Illinois	Arpil 27, 1970	1366
Travis, Jimmy	Thompsonville	Williamson	25	Illinois	April 27, 1970	1367
Wilkerson, Curtis	Coello	Franklin	31	Illinois	April 27, 1970	1368
Harstick, Orville	Coulterville	Randolph	45	Illinois	April 27, 1970	1369
Allen, Merril A.	Stonington	Christian	48	Illinois	October 19, 1970	1370
Bennett, Jesse M.	Carrier Mills	Saline	52	Illinois	October 19, 1970	1371
Carney, Howard	Gillespie	Macoupin	39	Illinois	October 19, 1970	1372
Conway, Waverly F.	Danville	Vermilion	58	Illinois	October 19, 1970	1373
Cooley, Wilburn	Eldorado	Saline	45	Illinois	October 19, 1970	1374
Cross, Robert C.	Christopher	Franklin	27	Illinois	October 19, 1970	1375
Culbreth, Larry	Johnston City	Williamson	26	Illinois	October 19, 1970	1376
Darnell, John D.	Virden	Macoupin	34	Illinois	October 19, 1970	1377
Darnell, Johnny	W. Frankfort	Franklin	48	Illinois	October 19, 1970	1378
Dawes, Kenneth D.	Johnston City	Williamson	31	Illinois	October 19, 1970	1379
Dehnbostel, Henry	Valier	Franklin	53	Illinois	October 19, 1970	1380
Harris, Joe H.	Harrisburg	Saline	45	Illinois	October 19, 1970	1381
Hathaway, John R.	Eldorado	Saline	24	Illinois	October 19, 1970	1382
Langford, Roger D.	Harrisburg	Saline	26	Illinois	October 19, 1970	1383
McNew, R. J.	Carrier Mills	Saline	50	Illinois	October 19, 1970	1384
Martin, Leon	Benton	Franklin	50	Illinois	October 19, 1970	1385
Menossi, Orlando	Tovey	Christian	48	Illinois	October 19, 1970	1386
Morgan, Tony R.	Zeigler	Franklin	23	Illinois	October 19, 1970	1387
Pickford, Norman	Harrisburg	Saline	47	Illinois	October 19, 1970	1388
Reed, Raymond	Eldorado	Saline	57	Illinois	October 19, 1970	1389
Rice, Thomas	Gillespie	Macoupin	27	Illinois	October 19, 1970	1390
Rose, Russell W.	Harrisburg	Saline	47	Illinois	October 19, 1970	1391
Scheich, Gary L.	Freeburg	St. Clair	32	Illinois	October 19, 1970	1392
Steinsultz, Sammy	Harrisburg	Saline	24	Illinois	October 19, 1970	1393
Sturman, William Jr.	Carrier Mills	Saline	24	Illinois	October 19, 1970	1394
Upton, John	Galatia	Saline	52	Illinois	October 19, 1970	1395
Weston, Lloyd D.	Zeigler	Franklin	36	Illinois	October 19, 1970	1396

STATE MINING BOARD CERTIFICATES ISSUED FOR METAL MINE ELECTRICAL HOISTING ENGINEER—1970

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Buth, Neal R.	Shawneetown	Gallatin	48	Illinois	October 19, 1970	74
Golden, Frank	Shawneetown	Gallatin	35	Illinois	October 19, 1970	75

CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1970

Name	LOCATION OF MAGAZINE		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Abingdon Rock Company	Abingdon	Knox	20,000	1001	15.00	20,000	1002	$15.00
Alcan Company, Incorporated	Alton	Madison	800	1003	15.00			
Alcan Company, Incorporated	Alton	Madison	7,000	1004	15.00			
Alcan Company, Incorporated	Alton	Madison	15,000	1005	15.00			
Alcan Company, Incorporated	Alton	Madison	25,000	1006	40.00			
Alcan Company, Incorporated	Alton	Madison	30,000	1007	40.00			
Alcan Company, Incorporated	Alton	Madison	20,000	1008	15.00			
Alcan Company, Incorporated	Alton	Madison	30,000	1009	40.00			
Alcan Company, Incorporated	Alton	Madison	40,000	1010	40.00			
Alcan Company, Incorporated	Alton	Madison	40,000	1011	40.00			
Alcan Company, Incorporated	Alton	Madison	800	1012	15.00			
Alpha Portland Cement Company	LaSalle	LaSalle	25,000	1013	40.00			
Alpha Portland Cement Company	LaSalle	LaSalle	1,500	1014	15.00	10,000	1015	15.00
Allied Stone Company	Milan	Rock Island	50,000	1016	40.00	25,000	1017	15.00
Ayrshire Coal Company (Sun Spot Mine)	Vermont	Fulton	18,000	1018	15.00	500	1019	15.00
Ayrshire Coal Company (Delta Mine)	Marion	Williamson	18,000	1020	15.00	15,000	1021	15.00
Ayrshire Coal Company (Harmattan Mine)	Hillery	Vermilion	20,000	1022	15.00	30,000	1023	15.00
Arrowhead Silica Corporation	Troy Grove	LaSalle	10,000	1024	15.00	500	1025	15.00
Austin Powder Company	Springfield	Sangamon	50,000	1026	40.00	30,000	1027	15.00
Austin Powder Company	Harrisburg	Williamson	20,000	1028	15.00			
Austin Powder Company	Harrisburg	Williamson	20,000	1029	15.00	200,000	1030	15.00
Austin Powder Company	Marion	Williamson	200,000	1031	50.00			
Austin Powder Company	Marion	Williamson	200,000	1032	50.00			
Bellrose Silica Company	Utica	LaSalle	20,000	1033	15.00	5,000	1034	15.00
Calcium Carbonate Company	Quincy	Adams	20,000	1035	15.00	15,000	1036	15.00
Allied Chemical Corporation	Prairie Du Rocher	Randolph	30,000	1037	40.00	25,000	1038	15.00
Big Ridge Coal Company	Harrisburg	Saline	1,000	1039	15.00	1,000	1040	15.00
Casey Stone Company	Casey	Clark	15,000	1041	15.00	5,000	1042	15.00
Casey Stone Company	Casey	Clark	15,000	1043	15.00	5,000	1044	15.00
The Charles Stone Company	Cypress	Johnson	35,000	1045	40.00	5,000	1046	15.00
Central Illinois Stone Company, Incorporated	Nokomis	Montgomery	18,800	1047	15.00	4,000	1048	15.00
Charleston Stone Company, Incorporated	Charleston	Coles	30,000	1049	40.00	20,000	1050	15.00
Chenoa Stone Company	Chenoa	Livingston	10,000	1051	15.00	1,500	1052	15.00
Streator Division-Clow Corporation	Streator	Livingston	500	1053	15.00	2,000	1054	15.00
Collinson Stone Company	Milan	Rock Island	15,000	1055	15.00	10,000	1056	15.00
Columbia Quarry Company	Dupo	St. Clair	35,000	1057	40.00			
Columbia Quarry Company	Dupo	St. Clair	20,000	1058	15.00	10,000	1059	15.00
Columbia Quarry Company	Valmeyer	Monroe	30,000	1060	40.00			
Columbia Quarry Company	Valmeyer	Monroe	20,000	1061	15.00	25,000	1062	15.00
Columbia Quarry Company	Columbia	St. Clair	100,000	1063	40.00	50,000	1064	15.00
Columbia Quarry Company	Karnak	Massac				10,000	1065	15.00

CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1970—Continued

Name	LOCATION OF MAGAZINE		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Columbia Quarry Company	Karnak	Massac	20,000	1066	15.00			
Columbia Quarry Company	Ullin	Pulaski	30,000	1067	40.00			
Columbia Quarry Company	Ullin	Pulaski	40,000	1068	40.00	20,000	1069	15.00
Harvey B. Mauck, (Deep Valley Coal Company)	Catlin	Vermilion	4,000	1070	15.00	10,000	1071	15.00
FS Services, Incorporated	Collinsville	St. Clair	1,000	1072	15.00	1,000	1073	15.00
Bill Paschal d/b/a Grayville Casing Pulling & Supply Company	Grayville	Edwards	250	1074	15.00	1,000	1075	15.00
Hastie Mining Company	Cave-In-Rock	Hardin	12,000	1076	15.00	3,000	1077	15.00
Iola Stone & Material Company, Incorporated	Iola	Clay	19,900	1078	15.00	2,000	1079	15.00
Illinois Minerals Company	Elco	Alexander	4,000	1080	15.00	6,000	1081	15.00
Illinois Valley Minerals Corporation	Naplate	LaSalle	5,000	1082	15.00	1,000	1083	15.00
Illinois Quarry Company	Campbell Hill	Jackson	20,000	1084	15.00	6,000	1085	15.00
Lehigh Stone Corporation	Kankakee	Kankakee	50,000	1086	40.00	10,000	1087	15.00
Lehigh Stone Corporation	Kankakee	Kankakee				10,000	1088	15.00
Livingston Stone Company	Weston	Livingston	10,000	1089	15.00	2,000	1090	15.00
Long Rock Corporation	Princeville	Peoria	30,000	1091	40.00	2,000	1092	15.00
Marquette Cement Manfacturing Company	Oqlesby	LaSalle	65,000	1093	40.00	25,000	1094	15.00
Midwest Stone Company	Anna	Union	20,000	1095	15.00	10,000	1096	15.00
Minerva Oil Company (Gaskins	Eldorado	Pope	20,000	1097	15.00	5,000	1098	15.00
Minerva Oil Company (Fairbairn)	Rosiclare	Pope				2,000	1099	15.00
Minerva Oil Company (Fairbairn)	Rosiclare	Pope	10,000	1100	15.00			
Minerva Oil Company, Mine #1	Cave-In-Rock	Hardin				50,000	1101	15.00
Minerva Oil Company, Mine #1	Cave-In-Rock	Hardin	44,000	1102	40.00			
Minerva Oil Company, Mine #1	Cave-In-Rock	Hardin	30,000	1103	40.00			
Mississippi Lime Company	Alton	Madison	40,000	1104	40.00			
Mississippi Lime Company	Alton	Madison	40,000	1105	40.00	15,000	1106	15.00
Missouri Gravel Company	Florence	Pike	20,000	1107	15.00	1,000	1108	15.00
Monsanto Company	Ordill	Williamson	100,000	1109	40.00			
Ocoya Stone Company	Chenoa	Livingston	20,000	1110	15.00	2,000	1111	15.00
Ozark-Mahoning Company	Rosiclare	Pope				15,000	1112	15.00
Ozark-Mahoning Company	Rosiclare	Pope	36,000	1113	40.00			
Ozark-Mahoning Company	Rosiclare	Pope	20,000	1114	15.00			
Ozark-Mahoming Company	Cave-In-Rock	Hardin	20,000	1115	15.00	15,000	1116	15.00
Ozark-Mahoning Company	Cave-In-Rock	Hardin	20,000	1117	15.00	15,000	1118	15.00
Ozark-Mahoning Company	Cave-In-Rock	Hardin	34,000	1119	40.00	15,000	1120	15.00
Peabody Coal Company #10	Pawnee	Christian	20,000	1121	15.00	15,000	1122	15.00
Peabody Coal Company-Eagle S.	Shawneetown	Gallatin	20,000	1123	15.00			
Peabody Coal Company-Eagle S.	New Shawneetown	Gallatin	20,000	1124	15.00	20,000	1125	15.00
Peabody Coal Company Edwards Mine	Edwards	Peoria	20,000	1126	15.00	5,000	1127	15.00
Peabody Coal Company Elm Mine	Trivoli	Peoria	20,000	1128	15.00	5,000	1129	15.00

Peabody Coal Company-Mecco Mine	Victoria	Knox	20,000	1130	15.00	10,000	1131	15.00
Peabody Coal Company-Northern Illinois Mine	Essex	Will	60,000	1132	40.00	25,000	1133	15.00
Peabody Coal Company-River King Mine	Marissa	St. Clair	40,000	1134	40.00			
Peabody Coal Company-River King Mine Pit #6	Marissa	St. Clair	20,000	1135	15.00	20,000	1136	15.00
Peabody Coal Company-River King Mine Pit #6	Marissa	St. Clair				5,000	1137	15.00
Peabody Coal Company-River King Mine Pit #3	New Athens	St. Clair	20,000	1138	15.00	10,000	1139	15.00
Peabody Coal Company-Will Scarlet Mine	Stonefort	Williamson				5,000	1140	15.00
Peabody Coal Company-Will Scarlet Mine	Stonefort	Williamson	5,000	1141	15.00			
Pitt's Quarry, Incorporated	Radom	Washington	6,000	1142	15.00	5,000	1143	15.00
Pontiac Stone Company	Pontiac	Livingston	30,000	1144	40.00	3,000	1145	15.00
Pontiac Stone Company	Pontiac	Livingston	50,000	1146	40.00	5,000	1147	15.00
Poston Brick & Concrete Products Company	Springfield	Sangamon	300	1148	15.00	100	1149	15.00
Princeville Stone Company	Princeville	Peoria	20,000	1150	15.00	5,000	1151	15.00
Ristokrat Clay Products Company	Lowell	LaSalle	1,000	1152	15.00	1,000	1153	15.00
Sahara Coal Company, Incorporated	Carrier Mills	Saline	20,000	1154	15.00	50,000	1155	15.00
Sahara Coal Company, Incorporated	Harrisburg	Saline	20,000	1156	15.00	50,000	1157	15.00
Stotz Quarry, Incorporated	Prairie du Rocher	Randolph	20,000	1158	15.00	20,000	1159	15.00
Tab Mining Company, Incorporated	Carbondale	Jackson	10,000	1160	15.00	500	1161	15.00
Tammsco, Incorporated	Tamms	Alexander	4,000	1162	15.00	1,000	1163	15.00
Trojan-U.S. Powder Division of Commercial Solvents Corporation	Carterville	Williamson	20,000	1164	15.00	20,000,000	1165	15.00
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	100,000	1166	40.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1167	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1168	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	20,000	1169	15.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1170	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1171	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1172	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1173	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1174	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1175	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1176	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1177	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1178	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	20,000	1179	15.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1180	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1181	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1182	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1183	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1184	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1185	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1186	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Carterville	Williamson	300,000	1187	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Marion	Williamson	200,000	1188	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Marion	Williamson	200,000	1189	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Marion	Williamson	200,000	1190	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Marion	Williamson	200,000	1191	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Marion	Williamson	200,000	1192	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Marion	Williamson	200,000	1193	50.00			
Trojan-U.S. Powder Div. of Commercial Solvents Corporation	Marion	Williamson	200,000	1194	50.00			
Truax-Traer Coal Company Division of Consolidation Coal Company	Fiatt	Fulton	60,000	1195	40.00	40,000	1196	15.00

CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1970—Continued

Name	LOCATION OF MAGAZINE		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Viola Materials Incorporated	Matherville	Mercer				10,000	1197	15.00
Viola Materials Incorporated	Matherville	Mercer	10,000	1198	15.00			
Wagner Stone Company	Chenoa	Livingston	20,000	1199	15.00	2,000	1200	15.00
Weber Brothers Equipment Incorporated	Teutopolis	Effingham	2,000	1201	15.00	3,000	1202	15.00
Wedron Silica Company	Wedron	LaSalle	20,000	1203	15.00	10,000	1204	15.00
Western Brick Co. Div. of Ill. Brick Co.	Danville	Vermilion	20,000	1205	15.00	1,000	1206	15.00
USS Agri-Chemicals	National City	St. Clair	1,500	1207	15.00	3,000	1208	15.00
East St. Louis Stone Company	Dupo	St. Clair	20,000	1209	15.00	10,000	1210	15.00
Elmhurst Chicago Stone Company	Elmhurst	DuPage	1,000	1211	15.00	5,000	1212	15.00
Fairbury Stone Company Incorporated	Fairbury	Livingston	18,000	1213	15.00	2,000	1214	15.00
Forsyth-Energy Incorporated, Energy Mine	Energy	Williamson	50,000	1215	40.00	5,000	1216	15.00
Houston Coal Company	Carrier Mills	Saline	2,000	1217	15.00	2,000	1218	15.00
Keystone Consolidated Industries, Incorporated	Bartonville	Peoria	200	1219	15.00	1,500	1220	15.00
Lacey & Bauer Quarry	Pearl	Pike	10,000	1221	15.00	5,000	1222	15.00
Marblehead Lime Company	Quincy	Adams				5,000	1223	15.00
Marblehead Lime Company	Quincy	Adams	2,000	1224	15.00			
Reliance Quarry, Incorporated	Alton	Madison	19,800	1225	15.00	100,000	1226	15.00
Peabody Coal Company, Eagle #2	Shawneetown	Gallatin	2,000	1227	15.00	2,000	1228	15.00
Peabody Coal Company-Midwest Mine	Freeburg	St. Clair	100,000	1229	40.00	1,000	1230	15.00
Peabody Coal Company-Midwest Mine	Millstadt	St. Clair				30,000	1231	15.00
Southern Illinois Stone Company	Buncombe	Johnson	40,000	1232	40.00	3,000	1233	15.00
Southwestern Illinois Coal Corporation Streamline Mine	Percy	Randolph	45,000	1234	40.00	50,000	1235	15.00
Independent Torpedo Company, Incorporated	Carmi	White	5,000	1236	15.00			
Santucci Construction Company	Freeport	Stephenson	1,500	1237	15.00	1,000	1238	15.00
Schuyler County Stone	Pleasant View	Schuyler	5,000	1239	15.00	300	1240	15.00
Eichleay Corporation	Chicago	Cook	100	1241	15.00	100	1242	15.00
Peabody Coal Company, Allendale Mine	Wyoming	Stark	20,000	1243	15.00	2,000	1244	15.00
Peabody Coal Company-Bright Star Mine	Fairview	Fulton	20,000	1245	15.00	25,000	1246	15.00
Quality Lime Company, Incorporated	Marshall	Clark	14,000	1247	15.00	15,000	1248	15.00
Colchester Stone Company	Carthage	Hancock	12,000	1249	15.00	2,500	1250	15.00
Colchester Stone Company	Colchester	McDonough	20,000	1251	15.00	600	1252	15.00
Borden, Incorporated Chemical Division/Smith-Douglass	Streator	Livingston	2,000	1253	15.00	10,000	1254	15.00
Chester Quarry Company	Chester	Randolph	5,000	1255	15.00	10,000	1256	15.00
Western Illinois Stone Company	Lima	Adams	20,000	1257	15.00	1,000	1258	15.00
Westclox Division of General Time Corporation	Peru	LaSalle	100	1259	15.00	150,000	1260	15.00
Westclox Division of General Time Corporation	Peru	LaSalle				150,000	1261	15.00
Westclox Division of General Time Corporation	Peru	LaSalle				150,000	1262	15.00
Westclox Division of General Time Corporation	Peru	LaSalle				25,000	1263	15.00
Westclox Division of General Time Corporation	Peru	LaSalle				50,000	1264	15.00
Westclox Division of General Time Corporation	Peru	LaSalle	199	1265	15.00			
Westclox Division of General Time Corporation	Peru	LaSalle	199	1266	15.00			

Westclox Division of General Time Corporation	Peru	LaSalle	199	1267	15.00			
Westclox Division of General Time Corporation	Peru	LaSalle	199	1268	15.00			
Dooley Brothers, Incorporated	Marion	Williamson	40,000	1269	40.00			
Dooley Brothers, Incorporated	Marion	Williamson	70,000	1270	40.00	400,000	1271	15.00
Dooley Brothers, Incorporated	Peoria	Peoria	80,000	1272	40.00			
Dooley Brothers, Incorporated	Peoria	Peoria	50,000	1273	40.00	200,000	1274	15.00
Dooley Brothers, Incorporated	Peoria	Peoria				30,000	1275	15.00
Occidental Chemical Company	Marseilles	LaSalle	100	1276	15.00	100	1277	15.00
International Minerals & Chemical Corporation	Chicago Heights	Cook	200	1278	15.00	200	1279	15.00
Richards Brick Company	New Douglas	Bond	400	1280	15.00	150	1281	15.00
Herbert Stevenson	Ottawa	LaSalle	24,000	1282	40.00	100,000	1283	15.00
Herbert Stevenson	Ottawa	LaSalle	40,000	1284	40.00			
Troy Grove Stone Quarry, Incorporated	Troy Grove	LaSalle	20,000	1285	15.00	2,000	1286	15.00
Martin Valstad Quarries	Kane	Greene	20,000	1287	15.00	2,000	1288	15.00
Birdwell, Division of Seismograph Service Corp.	Robinson	Crawford	1,000	1289	15.00	150	1290	15.00
Deck Hardware	Effingham	Effingham	2,000	1291	15.00	10,000	1292	15.00
Hazel Dell Coal Corporation	New Windsor	Mercer	5,000	1293	15.00	5,000	1294	15.00
McClure Quarries Incorporated	Tennessee	McDonough				2,000	1295	15.00
McClure Quarries Incorporated	Tennessee	McDonough	20,000	1296	15.00			
Marblehead Lime Co. Div. of General Dynamics	Ottawa	LaSalle				1,000	1297	15.00
Marblehead Lime Co. Div. of General Dynamics	Ottawa	LaSalle	25,000	1298	40.00			
Monmouth Stone Company	Monmouth	Warren	20,000	1299	15.00	5,000	1300	15.00
Streator Brick Company, Division of Hydraulic Press Brick Company	Streator	LaSalle	800	1301	15.00	1,000	1302	15.00
Streator Brick Company, Division of Hydraulic Press Brick Company	Utica	LaSalle	400	1303	15.00	500	1304	15.00
The United Electric Coal Companies	Cuba	Fulton	20,000	1305	15.00			
The United Electric Coal Companies	Cuba	Fulton	20,000	1306	15.00	50,000	1307	15.00
The United Electric Coal Companies	DuQuoin	Perry	30,000	1308	40.00			
The United Electric Coal Companies	DuQuoin	Perry	30,000	1309	40.00	25,000	1310	15.00
The United Electric Coal Companies	Canton	Fulton	20,000	1311	15.00			
The United Electric Coal Companies	Canton	Fulton	35,000	1312	40.00	40,000	1313	15.00
The United Electric Coal Companies	Banner	Peoria	20,000	1314	15.00	2,000	1315	15.00
Jonesboro Lime Quarry, American Limestone Div.	Jonesboro	Union	20,000	1316	15.00	5,000	1317	15.00
Passageway, Adit & Tunnel Company, Inc.	Carlinville	Macoupin	10,000	1318	15.00	5,000	1319	15.00
Zenith Radio Corporation	Chicago	Cook	110	1320	15.00			
Southwestern Illinois Coal Corp., Captain Mine	Willisville	Perry	100,000	1321	40.00	30,000	1322	15.00
The Casper Stolle Quarry & Contracting Co.	E. St. Louis	St. Clair	20,000	1323	15.00			
The Casper Stolle Quarry & Contracting Co.	E. St. Louis	St. Clair	20,000	1324	15.00	20,000	1325	15.00
Eagle-Pitcher Industries, Incorporated	Galena	JoDaviess	20,000	1326	15.00	75,000	1327	15.00
General Time Corporation	Rolling Meadows	Cook	100	1328	15.00			
Gregory-Anderson Corporation	Rockford	Winnebago	15,000	1329	15.00	5,000	1330	15.00
Gregory-Anderson Corporation	Rockford	Winnebago				2,000	1331	15.00
Iola Stone & Material Company, Inc. Athens Div.	Athens	Menard	19,500	1332	15.00	5,000	1333	15.00
Hillside Stone Corporation	Hillside	Cook	1,000	1334	15.00	1,500	1335	15.00
The Magnavox Company	Urbana	Champaign				150,000	1336	15.00
The Magnavox Company	Urbana	Champaign	300	1337	15.00			
The Magnavox Company	Urbana	Champaign	300	1338	15.00			
The Magnavox Company	Urbana	Champaign	300	1339	15.00			
The Magnavox Company	Urbana	Champaign	300	1340	15.00			
River Sand & Stone Company, Incorporated	Rosiclare	Hardin	20,000	1341	15.00	3,000	1342	15.00
River Sand & Stone Company, Incorporated	Rosiclare	Hardin	20,000	1343	15.00			

CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1970—Continued

Name	LOCATION OF MAGAZINE		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Trojan-U.S. Powder, Div. Commercial Solvents Corporation, A Maryland Corporation	Lockport	Will				50,000	1344	15.00
Vulcan Materials Company (Midwest Division)	McCook	Cook	20,000	1345	15.00			
Vulcan Materials Company (Midwest Division)	McCook	Cook	4,000	1346	15.00	15,000	1347	15.00
Vulcan Materials Company (Midwest Division)	Hodgkins	Cook	1,000	1348	15.00	3,000	1349	15.00
Vulcan Materials Company (Midwest Division)	Joliet	Will				5,000	1350	15.00
Vulcan Materials Company (Midwest Division)	Joliet	Will	10,000	1351	15.00			
Winter Stone Quarry	St. Elmo	Fayette	20,000	1352	15.00	10,000	1353	15.00
W.R. Grace & Company, Agriculture Products Div.	Henry	Henry	100	1354	15.00	50	1355	15.00
Atlas Chemical Industries, Incorporated	Marion	Williamson	20,000	1356	15.00			
Atlas Chemical Industries, Incorporated	Marion	Williamson	25,000	1357	40.00	100,000	1358	15.00
Atlas Chemical Industries, Incorporated	Marion	Williamson				100,000	1359	15.00
Atlas Chemical Industries, Incorporated	Marion	Williamson	50,000	1360	40.00			
Atlas Chemical Industries, Incorporated	Dixon	Lee				500,000	1361	15.00
Atlas Chemical Industries, Incorporated	Dixon	Lee	150,000	1362	50.00			
Stoneridge Limestone Company	Rochelle	Lee				1,000	1363	15.00
Stoneridge Limestone Company	Rochelle	Lee	6,000	1364	15.00			
Olin Corporation	E. Alton	Madison	20,000	1365	15.00			
Olin Corporation	E. Alton	Madison	20,000	1366	15.00			
Olin Corporation	E. Alton	Madison	13,000	1367	15.00			
Olin Corporation	E. Alton	Madison	13,000	1368	15.00			
Olin Corporation	E. Alton	Madison	35,000	1369	40.00			
Olin Corporation	E. Alton	Madison				8,000,000	1370	15.00
Olin Corporation	E. Alton	Madison	10,000	1371	15.00	2,000,000	1372	15.00
Olin Corporation	E. Alton	Madison				10,000,000	1373	15.00
Olin Corporation	E. Alton	Madison	25,000	1374	40.00	10,000,000	1375	15.00
Olin Corporation	E. Alton	Madison				10,000,000	1376	15.00
Olin Corporation	E. Alton	Madison				10,000,000	1377	15.00
Olin Corporation	E. Alton	Madison				10,000,000	1378	15.00
Olin Corporation	E. Alton	Madison				10,000,000	1379	15.00
Olin Corporation	E. Alton	Madison				10,000,000	1380	15.00
Olin Corporation	E. Alton	Madison				10,000,000	1381	15.00
Olin Corporation	E. Alton	Madison	15,000	1382	15.00	10,000,000	1383	15.00
Olin Corporation	East Alton	Madison				10,000,000	1384	15.00
Olin Corporation	East Alton	Madison				10,000,000	1385	15.00
Olin Corporation	East Alton	Madison				10,000,000	1386	15.00
Olin Corporation	East Alton	Madison	25,000	1387	40.00			
Olin Corporation	East Alton	Madison	5,000	1388	15.00			
Olin Corporation	East Alton	Madison	14,000	1389	15.00			
Olin Corporation	East Alton	Madison	14,000	1390	15.00			
Olin Corporation	East Alton	Madison	35,000	1391	40.00			
Olin Corporation	East Alton	Madison	85,000	1392	40.00			

Olin Corporation	East Alton	Madison	150,000	1393	50.00			
Olin Corporation	East Alton	Madison	175,000	1394	50.00			
Olin Corporation	East Alton	Madison	85,000	1395	40.00			
Olin Corporation	East Alton	Madison	125,000	1396	50.00			
Olin Corporation	East Alton	Madison	300,000	1397	50.00			
Olin Corporation	East Alton	Madison	300,000	1398	50.00			
Olin Corporation	East Alton	Madison	300,000	1399	50.00			
Olin Corporation	East Alton	Madison	55,000	1400	40.00			
Olin Corporation	East Alton	Madison	70,000	1401	40.00			
Olin Corporation	East Alton	Madison	300,000	1402	50.00			
Olin Corporation	East Alton	Madison	175,000	1403	50.00			
Olin Corporation	East Alton	Madison	100,000	1404	40.00			
Olin Corporation	East Alton	Madison	60,000	1405	40.00			
Olin Corporation	East Alton	Madison	40,000	1406	40.00			
Olin Corporation	East Alton	Madison	30,000	1407	40.00			
Olin Corporation	East Alton	Madison	60,000	1408	40.00			
Olin Corporation	East Alton	Madison	70,000	1409	40.00			
Olin Corporation	East Alton	Madison	70,000	1410	40.00			
Olin Corporation	East Alton	Madison	300,000	1411	50.00			
Olin Corporation	East Alton	Madison	50,000	1412	40.00			
Medusa Portland Cement Company (A Corporation)	Dixon	Lee	40,000	1413	40.00	10,000	1414	15.00
Granite City Steel Company	Granite City	Madison	4,000	1415	15.00	1,000	1416	15.00
IIT Research Institute	Chicago	Cook	50	1417	15.00			
Viola Materials, Incorporated	Matherville	Mercer	15,000	1418	15.00			
Hercules Incorporation	Freeburg	St. Clair	55,000	1419	40.00	250,000	1420	15.00
Cleveland Quarry, Incorporated	Cleveland	Henry	50,000	1421	15.00	25,000	1422	15.00
Covington Stone Company	New Minden	Washington	20,000	1423	15.00	5,000	1424	15.00
S & V Stone Quarry	Stewardson	Shelby	20,000	1425	15.00	10,000	1426	15.00
Agrico Chemical Company, Div. Continental Oil Company	National City	St. Clair	600	1427	15.00	1,000	1428	15.00
Manley Sand Div. Martin Marietta Corporation	Oregon	Ogle	500	1429	15.00	1,000	1430	15.00
D-P Indian Point Limestone Products, Inc.	Athens	Menard	20,000	1431	15.00	5,000	1432	15.00
Thomas Quarry, Incorporated	Winchester	Scott	9,000	1433	15.00	4,000	1434	15.00
Swift Agri. Chemical Corporation	Natl. Stock Yards	St. Clair	600	1435	15.00	500	1436	15.00
E. Wienen & Sons Construction Company, Inc.	Galena	JoDaviess	500	1437	15.00	500	1438	15.00
U.S.I. Farm Chemicals, Division of National Distillers & Chemical Corporation	Danville	Vermilion	350	1439	15.00	500	1440	15.00
Lincoln Stone Quarry, Incorporated	Joliet	Will	20,000	1441	15.00	10,000	1442	15.00
Missouri Portland Cement Company	Cave-In-Rock	Hardin	45,000	1443	40.00	5,000	1444	15.00
Rockford Blacktop Construction Company	Loves Park	Winnebago	7,000	1445	15.00	1,000	1446	15.00
Rockford Blacktop Construction Company	Belvidere	Boone				5,000	1447	15.00
Rockford Blacktop Construction Company	Belvidere	Boone	10,000	1448	15.00			
Rockford Blacktop Construction Company	Freeport	Stephenson	10,000	1449	15.00	2,000	1450	15.00
T.W. Shaw, D/B/A Central Limestone Company	Lisbon	Kendall	20,000	1451	15.00	20,000	1452	15.00
Midway Stone Company, Incorporated	East Moline	Rock Island	50,000	1453	40.00	25,000	1454	15.00
Johnson's Construction	Alpha	Henry	500	1455	15.00	1,000	1456	15.00
A Eron d/b/a/, Acme Casing Pulling Company	Grayville	Edwards	1,500	1457	15.00	1,000	1458	15.00
Elmer Larson, Incorporated	Sycamore	Dekalb	20,000	1459	15.00	2,000	1460	15.00
Explosives Engineering Service, Incorporated	Dixon	Lee	200,000	1461	50.00			
Explosives Engineering Service, Incorporated	Dixon	Lee	200,000	1462	50.00			
Explosives Engineering Service, Incorporated	Dixon	Lee	200,000	1463	50.00			
Explosives Engineering Service, Incorporated	Dixon	Lee	200,000	1464	50.00			
Explosives Engineering Service, Incorporated	Dixon	Lee	200,000	1465	50.00	100,000	1466	15.00

CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1970—Continued

Name	LOCATION OF MAGAZINE		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Material Service, Div. of General Dynamics Corp.	Fairmount	Vermilion	40,000	1467	40.00			
Material Service, Div. of General Dynamics Corp.	Fairmount	Vermilion	40,000	1468	40.00	25,000	1469	15.00
Material Service, Div. of General Dynamics Corp.	Lockport	Will	40,000	1470	40.00	25,000	1471	15.00
Material Service, Div. of General Dynamics Corp.	Lockport	Will	3,000	1472	15.00			
Material Service, Div. of General Dynamics Corp.	Lockport	Will	50,000	1473	40.00			
Material Service, Div. of General Dynamics Corp.	Lockport	Will	50,000	1474	40.00			
Material Service, Div. of General Dynamics Corp.	Thornton	Cook				100,000	1475	15.00
Material Service, Div. of General Dynamics Corp.	Thornton	Cook	50,000	1476	40.00			
Material Service, Div. of General Dynamics Corp.	Thornton	Cook	4,000	1477	15.00			
Material Service, Div. of General Dynamics Corp.	Lyons	Cook	4,000	1478	15.00	10,000	1479	15.00
Material Service, Div. of General Dynamics Corp.	Chicago	Cook	3,000	1480	15.00			
Material Service, Div. of General Dynamics Corp.	McCook	Cook				25,000	1481	15.00
Material Service, Div. of General Dynamics Corp.	McCook	Cook	5,000	1482	15.00			
Material Service, Div. of General Dynamics Corp.	McCook	Cook	3,000	1483	15.00			
Material Service, Div. of General Dynamics Corp.	McCook	Cook	3,000	1484	15.00			
Rigsby & Barnard Quarry, Incorporated	Cave-In-Rock	Hardin	20,000	1485	15.00	20,000	1486	15.00
Trojan-U.S. Powder, Div. of Commercial Solvents Corporation	Wolf Lake	Union	200,000	1487	50.00			
Trojan-U.S. Powder, Div. of Commercial Solvents Corporation	Wolf Lake	Union	200,000	1488	50.00			
Trojan-U.S. Powder, Div. of Commercial Solvents Corporation	Wolf Lake	Union	200,000	1489	50.00			
Trojan-U.S. Powder, Div. of Commercial Solvents Corporation	Wolf Lake	Union	150,000	1490	50.00			
Trojan-U.S. Powder, Div. of Commercial Solvents Corporation	Wolf Lake	Union	200,000	1491	50.00			
Trojan-U.S. Powder, Div. of Commercial Solvents Corporation	Wolf Lake	Union	200,000	1492	50.00			
Trojan-U.S. Powder, Div. of Commercial Solvents Corporation, Maryland Corporation	Quincy	Adams	45,000	1493	40.00			
Trojan-U.S. Powder, Div. of Commercial Solvents Corporation, A Maryland Corporation	Quincy	Adams	45,000	1494	40.00	150,000	1495	15.00
Ottawa Silica Company	Ottawa	LaSalle	50,000	1496	40.00	20,000	1497	15.00
Eureka Williams Company	Bloomington	Mc Lean				50,000	1498	15.00
Sangamon County Highway Department	Springfield	Sangamon	50	1499	15.00	100	1500	15.00
Morton Chemical Company	Ringwood	McHenry	50,000	1501	40.00			
Morton Chemical Company	Ringwood	McHenry	700	1502	15.00			
Gunther-Nash Mining Construction Company	Harrisburg	Saline	10,000	1503	15.00	5,000	1504	15.00
Shoots Stone Quarry	Iuka	Marion	10,000	1505	15.00	5,000	1506	15.00
Old Ben Coal Corporation, Mine #21	Sesser	Franklin	10,000	1507	15.00	5,000	1508	
General Time Corp., Space and Systems Div.	Skokie	Cook				1,000	1509	15.00
Ill. State Penitentiary, Menard Branch	Chester	Randolph	4,000	1510	15.00	10,000	1511	15.00
Hicks Stone Quarry	Ramsey	Fayette	20,000	1512	15.00	10,000	1513	15.00
Huelsmann Quarry, Incorporated	Carlyle	Clinton	5,000	1514	15.00	1,000	1515	15.00
Ottawa Silica Company, American Division	Utica	LaSalle	20,000	1516	15.00	20,000	1517	15.00
Rocky Ford Limestone Company	Lincoln	Logan	20,000	1518	15.00	2,000	1519	15.00
M.B. Crushing, Incorporated, (Macklin Bros. Inc.)	Rochelle	Ogle	8,000	1520	15.00	5,000	1521	15.00
E. I du Pont Nemours & Company	Seneca	Grundy	250,000	1522	50.00			

E. I du Pont Nemours & Company	Seneca	Grundy	250,000	1523	50.00			
E. I du Pont Nemours & Company	Seneca	Grundy	250,000	1524	50.00	1,000,000	1525	15.00
E. I du Pont Nemours & Company	Seneca	Grundy	40,000	1526	40.00	20,000	1527	15.00
E. I du Pont Nemours & Company	Seneca	Grundy				1,000,000	1528	15.00
E. I du Pont Nemours & Company	Seneca	Grundy	150,000	1529	50.00			
Illinois Products Division of A. P. Green Refractories Companies	Morris	Grundy	10,000	1530	15.00	1,000	1531	15.00
Occidental Chemical Company	Ashkum	Iroquois	200	1532	15.00	500	1533	15.00
Vern E. Alecock	Little York	Henderson	2,000	1534	15.00	1,000	1535	15.00
Agrico Chemical Company-Danville Plant	Tilton	Vermilion	150	1536	15.00	2,000	1537	15.00
Specification Stone Company	Ohlman	Christian	18,000	1538	15.00			
Specification Stone Company	Ohlman	Christian	30,000	1539	40.00	5,000	1540	15.00
USS Agri Chemicals	Chicago Heights	Cook	50	1541	15.00	10,000	1542	15.00
Garden Prairie Stone Company, Incorporated	Marengo	McHenry	1,000	1543	15.00	550	1544	15.00
Atlas Chemical Industries, Incorporated	Morris	Grundy	135,000	1545	50.00	500,000	1546	15.00
Atlas Chemical Industries, Incorporated	Galena	Jo Daviess	100,000	1547	40.00	400,000	1548	15.00
Atlas Chemical Industries, Incorporated	Galena	Jo Daviess				400,000	1549	15.00
Atlas Chemical Industries, Incorporated	Payson	Adams	130,000	1550	50.00	250,000	1551	15.00
Explosives Incorporation	Pittsfield	Pike	150,000	1552	50.00	150,000	1553	15.00
Hercules Incorporated	Pittsfield	Pike	10,000	1554	15.00			
Raid Quarries, Corporation	Biggsville	Henderson	15,000	1555	15.00	2,000	1556	15.00
C.N. Wigginton & Son	Oakland	Coles	300	1557	15.00	500	1558	15.00
Olin Corporation	Energy	Williamson	5,000	1559	15.00	2,000	1560	15.00
Olin Corporation	Crainville	Williamson	100,000	1561	50.00			
Olin Corporation	Crainville	Williamson	100,000	1562	50.00			
Olin Corporation	Crainville	Williamson	20,000	1563	15.00			
Olin Corporation	Crainville	Williamson	300,000	1564	50.00			
Olin Corporation	Crainville	Williamson	300,000	1565	50.00			
Olin Corporation	Marion	Williamson	100,000	1566	50.00			
Bell & Howell Company	Lincolnwood	Cook	190	1567	15.00			
Bell & Howell Company	Lincolnwood	Cook	120	1568	15.00			
Continental Fireworks Mfg. Co., In.	Jacksonville	Morgan	6,000	1569	15.00			
Commonwealth Edison Company	Waukegan	Lake	300	1570	15.00	300	1571	15.00
Olson Brothers	Dallas City	Henderson	40,000	1572	40.00	2,000	1573	15.00
American Cyanamid Company	Gladstone	Henderson	20,000	1574	15.00			
American Cyanamid Company	Millstadt	St. Clair	25,000	1575	40.00	500,000	1576	15.00
American Cyanamid Company	Millstadt	St. Clair				50,000	1577	15.00
American Cyanamid Company	Rochelle	Ogle	100,000	1578	40.00	50,000	1579	15.00
Builder's Supply Company, Incorporated	Aurora	Kane	200	1580	15.00	800	1581	15.00
Mercer County Stone & Coal	Viola	Mercer	4,000	1582	15.00	1,500	1583	15.00
Southern Illinois University Geology Dept.	Marion	Williamson	1,000	1584	15.00	500	1585	15.00
Denny and Simpson Stone Company, Incorporated	Cave-In-Rock	Hardin	20,000	1586	15.00	10,000	1587	15.00
Freeman Coal Mining Corporation, Crown	Farmersville	Montgomery	3,000	1588	15.00	6,000	1589	15.00
Freeman Coal Mining Corporation, Orient #5	W. Frankfort	Franklin	1,400	1590	15.00	2,000	1591	15.00
Freeman Coal Mining Corporation, Orient #3	Waltonville	Jefferson				5,000	1592	15.00
Freeman Coal Mining Corporation, Orient #3	Waltonville	Jefferson	800	1593	15.00			
Freeman Coal Mining Corporation, Orient #4	Marion	Williamson				5,000	1594	15.00
Freeman Coal Mining Corporation, Orient #4	Marion	Williamson	500	1595	15.00			
Orton Quarry, Incorporated	Hillview	Greene	20,000	1596	15.00	5,000	1597	15.00
Orton Quarry, Incorporated	Hillview	Greene	30,000	1598	40.00			
Alldritt Quarries	Fulton	Whiteside	20,000	1599	15.00	20,000	1600	15.00
Cook Electric Co., Tech-Center Division	Morton Grove	Cook	50	1601	15.00	5,000	1602	15.00

CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1970—Concluded

Name	LOCATION OF MAGAZINE		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Tri County Stone Company #1	Nokomis	Christian	20,000	1603	15.00			
Tri County Stone Company #1	Nokomis	Christian	20,000	1604	15.00	10,000	1605	15.00
Propellex, Div. of Chromalloy American Corp.	Edwardsville	Madison	500	1606	15.00			
Propellex, Div. of Chromalloy American Corp.	Edwardsville	Madison	500	1607	15.00			
Propellex, Div. of Chromalloy American Corp.	Edwardsville	Madison	500	1608	15.00			
Propellex, Div. of Chromalloy American Corp.	Edwardsville	Madison	500	1609	15.00			
Propellex, Div. of Chromalloy American Corp.	Edwardsville	Madison	50,000	1610	40.00			
Propellex, Div. of Chromalloy American Corp.	Edwardsville	Madison	50,000	1611	40.00			
Propellex, Div. of Chromalloy American Corp.	Edwardsville	Madison	500	1612	15.00	25,000	1613	15.00
Truax-Traer Coal Company, Div. of Consolidation Coal Company	Pinckneyville	Perry	100,000	1614	40.00	35,000	1615	15.00
Truax-Traer Coal Co., Div. of Consolidation Coal Company, Burning Star Mine #3	Schuline	Randolph	100,000	1616	40.00	50,000	1617	15.00
Sievers Brothers Quarry	Michael	Jersey	15,000	1618	15.00	1,000	1619	15.00
Martin Valstad Quarries	Hillview	Greene	20,000	1620	15.00	2,000	1621	15.00
James E. McElvain Company, Incorporated	Morris	Grundy				1,000	1622	15.00
C.W. Badger, Incorporated	Orland Park	Cook	20,000	1623	15.00			
Calhoun Quarry	Brussels	Calhoun	10,000	1624	15.00	500	1625	15.00
Martin Valstad Quarries	Fieldon	Jersey	10,000	1626	15.00	2,000	1627	15.00
Williams Quarry	Rosiclare	Hardin	20,000	1628	15.00	5,000	1629	15.00
A. T. Kingery	Lanark	Carroll	1,500	1630	15.00			
Wilson & Shipler, Incorporated	Rockton	Winnebago	75,000	1631	40.00	7,500	1632	15.00
Manteno Limestone Company	Manteno	Kankakee	15,000	1633	15.00	25,000	1634	15.00
Valley Quarry	St. Augustine	Warren	50,000	1635	40.00	12,000	1636	15.00
Truax-Traer Coal Company, Div. of Consolidation Coal Company	Coffeen	Montgomery	18,000	1637	15.00	12,000	1638	15.00
Nancy Hanks Limited	Rosiclare	Hardin	20,000	1639	15.00	1,000	1640	15.00
Central Technology, Incorporated	Marion	Williamson	20,000	1641	15.00			
Central Technology, Incorporated	Marion	Williamson	20,000	1642	15.00			
Central Technology, Incorporated	Marion	Williamson	20,000	1643	15.00			
Central Technology, Incorporated	Marion	Williamson	20,000	1644	15.00			
Central Technology, Incorporated	Carterville	Williamson	1,000	1645	15.00			
C.M. Lohr, Incorporated	Godfrey	Madison	10,000	1646	15.00	1,000	1647	15.00
Clay Products Company, Incorporated	Springfield	Sangamon	900	1648	15.00	500	1649	15.00
Quarry & Mine Explosive Supply Corporation	Alma	Marion	300,000	1650	50.00	25,000	1651	15.00
Nokomis Quarry, Inc.	Nokomis	Montgomery	20,000	1652	15.00	1,500	1653	15.00
Mid-State Sand & Gravel Co., Inc.	Gillespie	Macoupin	5,000	1654	15.00	3,000	1655	15.00
Olen Humphres Construction Company	Charleston	Coles	15,000	1656	15.00	5,000	1657	15.00
R.C. Hudler Quarry	Litchfield	Montgomery	20,000	1658	15.00	5,000	1659	15.00
Gray Quarries, Inc.	Hamilton	Hancock	20,000	1660	15.00	5,000	1661	15.00
Carpentersville Fireworks Company, Inc.	Carpentersville	McHenry	400	1662	15.00			
Carpentersville Fireworks Company, Inc.	Carpentersville	McHenry	600	1663	15.00			

Carpentersville Fireworks Company, Inc.	Carpentersville	McHenry	800	1664	15.00			
Carpentersville Fireworks Company, Inc.	Carpentersville	McHenry	2,000	1665	15.00			
Carpentersville Fireworks Company, Inc.	Carpentersville	McHenry	400	1666	15.00			
Carpentersville Fireworks Company, Inc.	Carpentersville	McHenry	800	1667	15.00			
Carpentersville Fireworks Company, Inc.	Carpentersville	McHenry	2,000	1668	15.00			
Carpentersville Fireworks Company, Inc.	Carpentersville	McHenry	2,000	1669	15.00			
E & L Coal Company	Stonefort	Pope	300	1670	15.00	200	1671	15.00
Rein, Schultz and Dahl, Inc.	Emerson	Whiteside	10,000	1672	15.00	700	1673	15.00
Rein, Schultz and Dahl, Inc.	Tuscola	Douglas	30,000	1674	40.00	2,000	1675	15.00
Missouri Gravel Company	Plainville	Adams	20,000	1676	15.00	1,000	1677	15.00
Mt. Zion Mining Company	Des Plaines	Pope	20,000	1678	15.00	1,000	1679	15.00
Explosives, Inc.	Pittsfield	Pike	80,000	1680	40.00			
E.I. DuPont De Nemours & Co., Inc.	Seneca	Grundy	300,000	1681	50.00			
E.I. DuPont de Nemours & Co., Inc.	Seneca	Grundy	300,000	1682	50.00			
E.I. DuPont de Nemours & Co., Inc.	Seneca	Grundy	300,000	1683	50.00			
Nutty and Pautler	Chester	Jackson	6,000	1684	15.00	2,000	1685	15.00
Litchfield Stone, Div. of M. & N. Enterprises	Bulpitt	Montgomery	20,000	1686	15.00	5,000	1687	15.00
Fenix & Scisson, Inc.	Morris	Grundy	5,000	1688	15.00	6,000	1689	15.00
Meyer Aggregate	Channahon	Will	20,000	1690	15.00	1,000	1691	15.00
Meyer Aggregate	Channahon	Kane	20,000	1692	15.00	1,000	1693	15.00
Eastern Services, Inc.	Carmi	Williamson	50,000	1694	40.00			
Inland Steel Co.	Sesser	Jefferson	100	1695	15.00	100	1696	15.00
Material Service, Div. Gen. Dynamics Corp.	Chicago	Cook	3,000	1697	15.00			
Monsanto Company	DuQuoin	Perry				500	1698	15.00
Western Illinois Stone Company	Quincy	Brown	20,000	1699	15.00	5,000	1700	15.00
Alsey Refractories Company	Alsey	Scott	500	1701	15.00	500	1702	15.00
Chicago Bridge & Iron Company	Plainfield	Will	50	1703	15.00	500	1704	15.00
Western Illinois Stone Company	Quincy	Adams	20,000	1705	15.00	5,000	1706	15.00
Dooley Brothers, Inc.	Springfield	Sangamon	35,000	1707	40.00			
Total					$11,050			$4,215.00
GRAND TOTAL								$15,265.00

Division Of Oil & Gas

DIVISION OF OIL AND GAS

State Office Building, Room 112
400 South Spring Street
Springfield, Illinois

George R. Lane, Petroleum Engineer

OIL AND GAS BOARD

Chairman: David L. Gulley, Director of the Department of Mines and Minerals
Members: Bernard Podolsky, Fairfield, Illinois
Harry Temple, Salem, Illinois
Jerry Wasicek, Olney, Illinois
H. L. Murray, Salem, Illinois

Petroleum Engineer	G. R. Lane, 100 Andover Drive, Springfield, Illinois
Hearing Officer	Rex Brown, Suite 549-553 Citizens Bldg., Decatur, Illinois
Clerk Typist	Mary Weinheimer, 538 N. Grand West, Springfield, Illinois
Clerk Typist	Ruth Spence, 3204 Butler, Springfield, Illinois
Clerk Typist	Jo Hutton, 1141A S. First, Springfield, Illinois
Clerk Typist	Dianne Vose, 509 West Allen, Springfield, Illinois
Clerk Typist	Karen Heyen, 1017½ N. Rutledge, Springfield, Illinois
Clerk Stenographer	Judy Voyles, 524 North Douglas, Litchfield, Illinois
Clerk Stenographer	Judy Schafer, 1512 Chalmers, Springfield, Illinois

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THE MOST ACTIVE OPERATORS IN ILLINOIS DURING 1970 ON THE BASIS OF OIL PERMITS ISSUED

FIRST: Texaco, Inc., Box 2420, Tulsa, Oklahoma 74101

SECOND: National Associated Petroleum Company, 719 Main Street, Mt. Vernon, Illinois 62864

THIRD: Comanche Oil Corporation, 521 North Fifth Street, Springfield, Illinois 62702

FOURTH: C. E. Brehm Drilling & Producing, Box 648, Mt. Vernon, Illinois 62864

FIFTH: John M Zanetis, P. O. Box 99, Olney, Illinois 62450

SIXTH: John B. Murvin, Box 297, Olney, Illinois 62450

SEVENTH: Republic Oil Company, Box 74, Cisne, Illinois 62823

EIGHTH: Aimco, Inc., 1003 West Main Street, Olney, Illinois 62450

NINTH: Marathon Oil Company, P. O. Box 66, Robinson, Illinois 62454

TENTH: Aladdin Oil Development Company, 519 White City Blvd., Springfield, Illinois 62703

DIVISION OF OIL AND GAS

The Division of Oil and Gas of the Department of Mines and Minerals is required to enforce the provisions of "An Act in Relation of Oil, Gas, Coal and Other Surface and Underground Resources," and the Rules and Regulations formulated pursuant to the provisions of the Act.

It is the duty of the Division to see that oil wells are properly spaced; to control the drilling and plugging of oil wells and wells drilled in connection therewith; to see that necessary precautions are observed to protect the workable coal seams through which wells are drilled and to prevent pollution of land and fresh water supplies resulting from oil field operations.

Permits must be obtained from the Division of Oil and Gas before wells are drilled for oil, gas, watersupply, water input, gas input, air input, salt water disposal, and structure test. In 1970, 1,431 such permits were issued. The Law requires that for each well drilled or acquired, the operator must furnish the Division with bond coverage to guarantee the eventual plugging of the well and the satisfactory restoration of the well site. The State oil well inspectors are in attendance to supervise the plugging of all abandoned drill holes, which in 1970 numbered 1,324.

The Division furnishes copies of permits and plugging affidavits to the State Geological Survey, and is charged with the responsibility to seeing that well logs and cuttings are sent to the Survey. The Division also receives and records completion data on wells drilled.

The Rules and Regulations of the Division provide for the calling of public hearings, upon written request of any interested person, for the purpose of taking action with regard to any matter within the jurisdiction of the Department. All such hearings are made of record in the Division and are open to public inspection.

The Oil and Gas Board consists of four members and the Director of the Department, and is subject to call by the Mining Board for advice and consultation on matters pertaining to the oil and gas industry.

DEPARTMENT OF MINES AND MINERALS FEB. 1971
DIVISION OF OIL & GAS

PETROLEUM ENGINEER

GEORGE R. LANE, Springfield, Illinois	Office Telephone	217-525-7756
Home Address - 100 Andover Drive	Home Telephone	217-546-1100

WELL INSPECTORS

APPLEGATE, Glen, R. R. #2, Casey, 62420	217-932-2050	Clark, Edgar, Vermilion
BYARS, Wallace W., Box 132, Kell, 62853	618-534-6421	Clay, Marion
FRITSCHLE, Marion, R. R. #1, West Liberty, 62475	618-754-6157	Cumberland, Jasper
GARMAN, Harold A., 205 N. 7th, Albion, 62806	618-445-3146	Edwards
GIBSON, Harold G., R. R. #1, Blue Mound, 62513	217-692-2671	Christian, DeWitt, Logan, Macon, Sangamon
MARTIN, Tom L., 522 E. 7th, Lockport, 60441	815-838-0908	Cook, DuPage, Grundy, Kankakee, Kendall, Will
MOLINAR, Dominic, 721 E. Clay, Collinsville, 62234	618-344-0582	Bond, Madison, Monroe, St. Clair
NEWMAN, William, R. R. #1, Gillespie, 62033	217-839-2785	Greene, Jersey, Macoupin, Montgomery
PFRIMMER, Charles, New Canton, 62356	217-426-2541	Adams, Brown, Bureau, Calhoun, Cass, Fulton, Hancock, Henderson, Henry, Knox, McDonough, Marshall, Mason, Menard, Mercer, Morgan, Peoria, Pike, Putnam, Rock Island, Schuyler, Scott, Stark, Tazewell, Warren, Woodford
PRINCE, Floyd, Box 263, McLeansboro, 62859	618-643-2678	Hamilton, Wayne
RAGEN, Herschel, R. F. D. #4, Carlyle, 62231	618-594-3338	Clinton, Jefferson, Perry, Randolph, Washington
SORK, Marshall, Box 551, Woodstock, 60098	815-338-1689	Boone, Kane, Lake, McHenry, Winnebago
SPOND, Cleo, R. R. #3, Mt. Carmel, 62863	618-262-7694	Wabash, White
ST. PIERRE, Max, Beecher City, 62414	618-487-2894	Effingham, Fayette, Shelby
WARNER, Errett, R. R. #3, Lawrenceville, 62439	618-943-4042	Lawrence, Richland
WATTS, Samuel, 307 W. Market, Palestine, 62451	618-586-2425	Crawford
WILSON, Ivan, 2108 Pine, Eldorado, 62930	618-273-9182	Gallatin, Hardin, Pope, Saline

FIELD SUPERVISOR

ROGERS, Charles, 504 N. 20th, Herrin, 62948	618-942-3994	Alexander, Franklin, Jackson, Johnson, Massac, Pulaski, Union, Williamson

ADMINISTRATIVE ASSISTANT

HEADY, Marion, Box 1, Newton, 62448	618-783-3046	Champaign, Coles, Douglas, Ford, Iroquois, LaSalle, Livingston, McLean, Moultrie, Piatt

* * DeKalb - Marion Heady
* * JoDaviess, Stephenson, Carroll, Ogle, Whiteside, Lee - Charles Pfrimmer

SUMMARY BY COUNTIES OF THE NUMBER OF PERMITS ISSUED, OIL WELLS COMPLETED AND WELLS PLUGGED DURING 1970

County	Total Oil permits issued in 1970	Oil wells completed in 1970	Plugged wells completed in 1970	Number of Other Fee Permits Issued						Number of No Fee Permits Issued	
				Salt water disposal	Water input	Observation well	Gas input	Air input	Gas Storage	Structure test	Water supply
Adams	1		5								
Alexander											
Bond	5	1	6		2						
Boone											
Brown			3								
Bureau										6	
Calhoun											
Carroll											
Cass										2	
Champaign							12			18	
Christian	66	29	68	3							
Clark	5	1	76		1					1	
Clay	65	34	70	6	18						2
Clinton	16	2	22		1					2	
Coles	13	9	36	2					10		
Cook											
Crawford	36	19	168	1	23	2				18	
Cumberland	1										
DeKalb											
DeWitt	1		2								
Douglas	7	1	7	1		1			3		
DuPage											
Edgar	13	2	3	1		1				1	
Edwards	21	7	20		8						
Effingham	11	5	26		4					1	
Fayette	12	3	26	3	22	1	14				
Ford											
Franklin	12	7	24	1	1						
Fulton										1	1
Gallatin	3		22	1	11						3
Greene											
Grundy											
Hamilton	10	5	57	2	36						
Hancock	1		2								
Hardin											
Henderson			1							1	
Henry										4	
Iroquois				1		6	4				
Jackson	2		2								

SUMMARY BY COUNTIES OF THE NUMBER OF PERMITS ISSUED,
OIL WELLS COMPLETED AND WELLS PLUGGED DURING 1970—Concluded

County	Total Oil permits issued in 1970	Oil wells completed in 1970	Plugged wells completed in 1970	Number of Other Fee Permits Issued						Number of No Fee Permits Issued	
				Salt water disposal	Water input	Observation well	Gas input	Air input	Gas Storage	Structure test	Water supply
Jasper	28	16	52		4						1
Jefferson	9	5	34	2	3						
Jersey	1		1								
Jo Daviess											
Johnson											
Kane											
Kankakee			1	1							
Kendall											
Knox											
Lake											
LaSalle											
Lawrence	75	39	67	2	18						
Lee											
Livingston							5			5	
Logan	2		2								
McDonough			2							2	
McHenry											
McLean							1			7	
Macon	1	1									
Macoupin	2		5								
Madison	7	1	12		4						1
Marion	30	17	20	3	28						
Marshall											
Mason										27	
Massac											
Menard										7	
Mercer											
Monroe	1		1								
Montgomery			1			1	1				
Morgan	1								3	8	
Moultrie											
Ogle											
Peoria									10	21	
Perry	10	1	9								
Piatt											
Pike	3		1								
Pope	1										
Pulaski											
Putnam										2	
Randolph	4		4			1				1	
Richland	46	14	50	5	11						

Rock Island												
St. Clair	13	3	8	1			16					
Saline	15	5	20	2	7							
Sangamon	40	9	36	3								
Schuyler			1									
Scott												
Shelby	3		4									
Stark											39	
Stephenson												
Tazewell											6	
Union	2		1									
Vermilion												
Wabash	21	11	72	1	31							1
Warren							3					
Washington	18	3	22	2	8							1
Wayne	83	58	108	9	30							2
White	28	11	126	9	25							2
Whiteside												
Will												
Williamson	29	5	18	3								
Winnebago												
Woodford											6	
	774	324	1324	65	296	13	56			26	187	14

SALT WATER AND WASTE DISPOSAL

(PERMITS ISSUED IN 1970)

Operator	Well (* =Converted Well)	Location	Formation	Elev.
CHRISTIAN COUNTY				
M M & S Oil	* Hunsley #3	330'S 330'E NWc NE NE Sec. 8 14N 3W	Silurian 1700'	G.L. 589.5'
Comanche Oil Corp.	* McDermith #3	330'S 330'W NEc SW Sec. 24 15N 3W	Silurian 1831'-1842'	G.L. 591.6'
Comanche Oil Corp.	* Swope #1	330'S 330'E NWc NE Sec. 24 15N 3W	St. Peter 2800'-2850'	G.L. 586.5'
CLAY COUNTY				
Charles E. Booth	* Hale #1-SWD	330'S 330'E NWc SW NE Sec. 14 2N 7E	Tar Springs 2410'-2510'	G.L. 453'
James C. Franklin	* Tolliver #2	330'S 660'W NEc SE NW Sec. 2 3N 7E	Lower Cypress 2660'-2670'	G.L. 432'
Bell Brothers	* Charles F. Hush, Etal #3	330'N 330'W SEc SW SW Sec. 26 3N 8E	McClosky 2961'-2973'	G.L. 411'
Everett M. Bangert	* Travis #2 SWD	330'N 330'E SWc SE SW Sec. 33 3N 8E	Lower Cypress 2665'-2772'	G.L. 431'
Everett M. Bangert	* Travis #3 SWD	778'N 330'E SWc SE SW Sec. 33 3N 8E	Penn. 1700'-1800'	G.L. 420'
Thomas M. Kiernan	* C. E. Post #1	330'N 330'W SEc NW SE Sec. 3 5N 5E	Aux Vases 2360'-2384'	G.L. 539.3'
COLES COUNTY				
W. R. & Dena Kuykendall	* Fleming-Mercer Comm. #1	990'S 330'W NEc SW Sec. 34 14N 7E	Rosiclare 1826'-1835'	G.L. 652'
W. R. & Dena Kuykendall	* Mercer #4	330'N 330'E SWc SE SW Sec. 34 14N 7E	Rosiclare 1821'-1834'	G.L. 660'
CRAWFORD COUNTY				
Shakespeare Oil Co., Inc.	* Eli Richart #2	330'S 330'E NWc NE Sec. 36 6N 13W	Penn. 1164'-1170'	G.L. 476.5'
DOUGLAS COUNTY				
U. S. Industrial Chemicals Co. Division of National Distillers & Chemical Corp.	U. S. Industrial Chemicals #1	430'S 1135'E NWc NE NW NW Sec. 31 16N 8E	Eminence-Potosi 5500'	G.L. 693'
EDGAR COUNTY				
Barr, Homann & Robison	* Baber #3	990'S 330'W NEc NW NE Sec. 9 13N 13W	Penn. 400'-425'	G.L. 690'
FAYETTE COUNTY				
Herbert E. Fear & Gene L. Duncan d/b/a Fear & Duncan	* C. C. Ford #4-SWD	380'S 330'W NEc NW NW Sec. 31 5N 3E	Carper 3296'-3322'	G.L. 573'
Frank's Petroleum Exploration	* Miller #2	330'N 421'W SEc NW NE Sec. 16 8N 3E	Tar Springs 1100'-1136'	G.L. 611.6'
Smith Oil Co.	* Edith K. Smith SWD #1	164'N 622'E SWc NE SE Sec. 35 8N 3E	Tar Springs 1326'-1417'	G.L. 618'
FRANKLIN COUNTY				
Shakespeare Oil Co., Inc.	* Silas Stewart #2	330'N 330'W SEc NE NE Sec. 11 6S 2E	O'Hara 2756'-2771'	G.L. 425'

GALLATIN COUNTY				
Oilfield Research, Inc.	* Egyptian Tie & Timber #1	330'S 330'W NEc NW NE Sec. 21 8S 10E	Waltersburg 1981'-2000'	G.L. 346'
HAMILTON COUNTY				
Collins Brothers Oil Co.	* Warren Comm. "B" #2	330'N 330'W SEc Sec. 14 4S 7E	Cypress 3043'-3130'	G.L. 416'
Ralph E. Dickson	* Mayberry #1-A	930'N 330'W SEc NE Sec. 20 6S 7E	Aux Vases 3062'-3080' Rosiclare 3202'-3210' McClosky 3220'-3224'	G.L. 369'
IROQUOIS COUNTY				
Northern Illinois Gas Co.	Taden Well #11	75'S 950.3'W NEc Sec. 11 26N 13W	Trempleau 1830'-2355'	G.L. 647.7'
JEFFERSON COUNTY				
E. Homer Jahn	* H. Minor-C & E R.R.-Prather Etal Comm. #1 SWD	330'S 330'W NEc SW Sec. 29 1S 3E	Penn. 1232'-1340'	G.L. 501'
Edward J. Klockenkemper	* Lillian Z. Atwood #1	330'S 330'E NWc SW SW Sec. 28 3S 3E	Cypress 2467'-2558'	G.L. 446'
KANKAKEE COUNTY				
Natural Gas Pipeline Co. of America	Fee #2	4112'N 97'E SWc Sec. 3 30N 9E	Mt. Simon 2196'-3000'	
LAWRENCE COUNTY				
Wayne Smith, Operator, Inc.	* E. J. Seed #SWD-163	330'N 660'E SWc Sec. 15 3N 12W	Buchanan 1360'-1420'	G.L. 467'
R. A. Harris	James Bardon #SWD-1	726'N 85'E SWc Sec. 22 3N 12W	Penn. 700'	G.L. 488'
MARION COUNTY				
Herman Graham	* C. Brinkerhoff #1-SWD	330'S 330'W NEc SE NW SW Sec. 15 1N 2E	Rosiclare 2076'-2090'	G.L. 541'
Eddie M. Self	* Burge #2	330'S 330'E NWc SW NE Sec. 21 1N 2E	Fredonia 2110'-2128'	G.L. 548'
Mobil Pipe Line Co.	Mobil #1-SWD	313.7'N 363.4'W SEc SW SW Sec. 15 4N 1E	Tar Springs 1180'-1210'	G.L. 495'
RICHLAND COUNTY				
Joe A. Dull	G. W. Sharp #1	330'S 400'W NEc SW Sec. 2 2N 8E	Tar Springs 2320'-2370'	G.L. 409'
William B. Hudson	* Allard #2	330'S 459'W NEc SE Sec. 17 3N 9E	Aux Vases 2973'-2977'	G.L. 470'
Aimco, Inc.	* Boley-Grove Comm. #1-SWD	330'S 330'W NEc SE Sec. 18 3N 14W	Cypress 2880'-2990'	G.L. 509'
Robert L. Runyon	* Clarence Heady #2	330'N 330'W SEc Sec. 13 4N 9E	Tar Springs 2310'-2350'	G.L. 504'
Robert L. Runyon	* Don E. Kermicle Etal #2	330'N 330'W SEc SW SW Sec. 29 5N 10E	Cypress 2550'-2650'	G.L. 486'
ST. CLAIR COUNTY				
Victor Nettle	* Nettle #1	107'N 550'E SWc NE NE Sec. 33 1N 10W	St. Peter 973'-1202' Mt. Simon 3086'-3111'	G.L. 466'
SALINE COUNTY				
Earl Armstrong	* Anna Cole #1	330'N 330'W SEc NE Sec. 20 7S 6E	Hardin 2985'-2995'	G.L. 407'
Estate of G. L. Reasor, Glen M. Neubert, Executor	* J. H. Porter #4A-WD	330'S 330'W NEc SW Sec. 23 8S 7E	Aux Vases 2890'-2898'	G.L. 386'

SALT WATER AND WASTE DISPOSAL—Concluded

Operator	Well (* =Converted Well)	Location	Formation	Elev.
SANGAMON COUNTY				
Albert Birdsell	* Spicer #3	660'N 330'W SEc SW SE SE Sec. 1 14N 4W	Silurian 1691'-1707'	G.L. 584.5'
Centurian Oil, Inc.	* Chas. Chandler Hrs. #1	330'S 330'E NWc SW Sec. 11 15N 4W	Silurian 1606'-1685'	G.L. 576.5'
Midland Oil Development Co.	* Fairchild #2 SWD	875'S 330'W NEc Sec. 15 15N 4W	Burlington 1145'-1405'	G.L. 574.3'
WABASH COUNTY				
Illinois Lease Operating, Inc.	* Curran #1	330'N 330'E SWc SE Sec. 34 1N 13W	Hardinsburg 2154'-2164'	G.L. 425'
WASHINGTON COUNTY				
Nick Babare, Jr.	* Mortoccio-Babare #1	1524'N 330'E SWc NE Sec. 2 2S 1W	Cypress 1490'-1498'	G.L.534.5'
Mobil Oil Corp.	* Gill Estate #2	330'N 330'W SEc NE NW Sec. 26 3S 3W	Benoist 1240'-1275'	G.L. 515'
WAYNE COUNTY				
Charles E. Booth	* Croughan SWD #1	330'N 330'E SWc NE Sec. 2 1N 8E	Penn. 1750'-1820'	G.L. 469'
Republic Oil Co.	* William Obrecht #1	330'S 330'W NEc NW NW Sec. 3 1N 8E	Cypress 2714'-2784'	G.L. 447'
Midwest Oil Producers	* Wallace Hubble #1	660'S 330'E NWc NE NW Sec. 9 1N 8E	Penn. 705'-797'	D.F. 435'
Midwest Oil Producers	* Donald O. Brissenden #3	653.5'S 333.5'W NEc SW Sec. 32 2N 8E	Cypress 2600'-2700'	D.F. 435'
Tamarack Petroleum Co., Inc.	* Escoe Groff #1	1290'N 330'E SWc Frac. NW Sec. 31 2N 9E	Benoist 2912'-2927'	G.L. 416'
John T. Mitchell	* Lewis Manahan #2	330'N 330'W SEc NW SE Sec. 17 1S 6E	Aux Vases 3028'-3053'	G.L. 448'
H. H. Weinert Estate	* Kincaid #1	660'N 330'E SWc SE SW Sec. 36 1S 7E	McClosky 3311'-3328'	G.L. 480'
Robinson Production, Inc.	* H. Berg SWD #1	330'S 330'W NEc SW Sec. 6 1S 8E	Penn. 728'-755'	G.L. 433'
Jenkins Brothers	* Spencer-Heirs #1	330'N 330'E SWc NE Sec. 16 3S 9E	McClosky 3380'	
WHITE COUNTY				
Louis A. Pessina	* Taylor Etal Comm. #1 SWD	330'S 990'E NWc Sec. 30 3S 14W	Biehl 1841'-1892'	G.L. 394'
Tartan Oil Co.	* A. D. Ferguson #3	330'S 330'E NWc NE NW Sec. 22 5S 10E	Penn. 1528'-1538'	G.L. 389'
C. E. Brehn d/b/a C. E. Brehm Drilling & Producing	* F. Stallings #3	330'N 330'E SWc NE NW Sec. 5 5S 14W	Benoist 2744'-2756' Aux Vases 2850'-2869'	G.L. 375'
Spartan Petroleum Co.	* Beryl Talley #1-A	330'N 330'E SWc NE SE Sec. 14 6S 8E	Cypress 2700'-2740' McClosky 3100'-3104'	G.L. 422'
Kirby Petroleum Co.	* Gilbert Wade #2	330'S 330'W NEc SE Sec. 32 6S 8E	McClosky 3067'-3119'	G.L. 392'
Dale Price	* Weirauch #1	330'N 330'W SEc SW SE Sec. 6 6S 9E	Tar Springs 2400'-2470'	G.L. 433'
Herbert E. Fear & Gene L. Duncan d/b/a Fear & Duncan	Phillips #1-W	940'S 330'E NWc Sec. 22 6S 9E	Penn. 1650'-1720'	G.L. 383'
Sands Oil Corp.	* Northwest Herald Unit #SW-1	330'E NWc SW Sec. 27 6S 9E	Waltersburg 2348'	G.L. 469'
F. J. Fleming Drilling Co.	* Roy Pierce SWD #1	330'N 330'E SWc NE NE Sec. 12 7S 8E	Tar Springs 2298'-2380'	G.L. 456'
WILLIAMSON COUNTY				
I. J. Hudson	Freeman #3	NW NE Sec. 10 8S 2E	216'	
Bufay Oil Co.	* Madison Coal Corp. #1	371'N 330'E SWc NW Sec. 3 8S 3E	Aux Vases 2824'-2846'	G.L.429'
A. B. Vaughn	* Eigenrauch-Armstrong #2	330'S 330'W NEc SE Sec. 4 9S 2E	Aux Vases 2354'-2374'	G.L. 448.5'

GAS INPUT AND STORAGE

(Permits Issued in 1970)

Operator	Well (* =Converted Well)	Location	Formation	Elev.
CHAMPAIGN COUNTY				
The Peoples Gas Light & Coke Co.	O. D. Bidner #1	293′N 283′E SWc SE NW SW Sec. 15 21N 7E	Mt. Simon	G.L. 731′
The Peoples Gas Light & Coke Co.	A. L. Liestman #1	63′S 279′E NWc SE NW Sec. 17 21N 7E	Mt. Simon	G.L. 750.3′
The Peoples Gas Light & Coke Co.	A. L. Liestman #2	150′N 93′E SWc NW Sec. 17 21N 7E	Mt. Simon	G.L. 751′
The Peoples Gas Light & Coke Co.	A. Williams #1	81′N 216′E SWc Sec. 17 21N 7E	Mt. Simon	G.L. 749′
The Peoples Gas Light & Coke Co.	A. Williams #2	88′N 37′E SWc SE SW Sec. 17 21N 7E	Mt. Simon	G.L. 745′
The Peoples Gas Light & Coke Co.	C. Williams #5	97′N 86′W SEc NE NE Sec. 17 21N 7E	Mt. Simon	G.L. 747′
The Peoples Gas Light & Coke Co.	R. Primmer #4	68′N 62′E SWc NE SW Sec. 20 21N 7E	Mt. Simon 4500′	G.L. 740′
The Peoples Gas Light & Coke Co.	Buckles Bros. #2	46′S 214′W NEc SW SW Sec. 21 21N 7E	Mt. Simon 4500′	G.L. 738′
The Peoples Gas Light & Coke Co.	Hinton Bros. #5	69′N 35′E SWc NE NE Sec. 21 21N 7E	Mt. Simon 4500′	G.L. 731′
The Peoples Gas Light & Coke Co.	Hinton Bros. #6	85′S 209′W NEc NW NW Sec. 21 21N 7E	Mt. Simon	G.L. 737′
The Peoples Gas Light & Coke Co.	B. Lester #1	7′N 321′E SWc NE SE Sec. 21 21N 7E	Mt. Simon	G.L. 728.9′
The Peoples Gas Light & Coke Co.	C. Rapp #2	65′S 99′E NWc SW NW Sec. 21 21N 7E	Mt. Simon	G.L. 737′
COLES COUNTY				
Central Illinois Public Service Co.	L. O. Walton #9	490′N 2750′W SEc NE Frac. Sec. 7 12N 11E	Pottsville	G.L. 702.92′
Central Illinois Public Service Co.	L. O. Walton #10	610′S 2126′W NEc SE Frac. Sec. 7 12N 11E	Pottsville	G.L. 698.7′
Central Illinois Public Service Co.	M. P. Phipps #4	990′S 330′W NEc SE Sec. 18 12N 11E	Mississippian	G.L. 735.01′
Central Illinois Public Service Co.	M. C. Ferguson #4	330′S 330′E NWc SW Sec. 18 12N 14W	Mississippian	G.L. 744.63′
Central Illinois Public Service Co.	M. C. Ferguson #5	330′S 1650′E NWc SE Sec. 18 12N 14W	Mississippian	G.L. 717.19′
Central Illinois Public Service Co.	Everett Veach #2	874′S 990′E NWc Sec. 18 12N 14W	Mississippian	G.L. 745.32′
Central Illinois Public Service Co.	Everett Veach #3	220′S 1650′E NWc Sec. 18 12N 14W	Mississippian	G.L. 748.29′
Central Illinois Public Service Co.	Everett Veach #4	990′N 1650′E SWc NW Frac. Sec. 18 12N 14W	Mississippian	G.L. 729.13′
Central Illinois Public Service Co.	Everett Veach #5	380′N 990′E SWc NW Frac. Sec. 18 12N 14W	Mississippian	G.L. 732.43′
Central Illinois Public Service Co.	Everett Veach #6	220′S 330′E NWc Sec. 18 12N 14W	Mississippian	G.L. 758.98′
DOUGLAS COUNTY				
Panhandle Eastern Pipe Line Co.	Bristow #1-4	4035′N 1320′W SEc Sec. 4 16N 8E	Mt. Simon	G.L. 679.1′
Panhandle Eastern Pipe Line Co.	Debolt #1-4	2565′N 1320′W SEc Sec. 4 16N 8E	Mt. Simon	G.L. 676.5′
Panhandle Eastern Pipe Line Co.	Debolt #2-4	1320′N 2565′W SEc Sec. 4 16N 8E	Mt. Simon	G.L. 678.6′
FAYETTE COUNTY				
Natural Gas Pipeline Co. of America	* L. Wood #12-D	739′N 330′E SWc Sec. 15 8N 3E	Devonian	G.L. 616′
Natural Gas Pipeline Co. of America	* Jennie Brauer #5-D	660′N 660′W SEc NE SE Sec. 21 8N 3E	Silurian	G.L. 561′
Natural Gas Pipeline Co. of America	* Presbyterian Church #5-D	660′N 330′W SEc NE Sec. 21 8N 3E	Silurian	G.L. 623′
Natural Gas Pipeline Co. of America	* Gerald Weaber #4-D	660′N 660′W SEc NW Sec. 21 8N 3E	Silurian	G.L. 631′
Natural Gas Pipeline Co. of America	* J. B. Drees #9-D	660′N 660′W SEc NW Sec. 22 8N 3E	Silurian	G.L. 522′
Natural Gas Pipeline Co. of America	* J. B. Drees #10-D	737′S 688′W NEc NW Sec. 22 8N 3E	Silurian	G.L. 525′

GAS INPUT AND STORAGE—Concluded
(Permits Issued in 1970)

Operator	Well (* =Converted Well)	Location	Formation	Elev.
Natural Gas Pipeline Co. of America	* Kenneth Stubblefield #3-D	657'S 663'E NWc SW NE Sec. 22 8N 3E	Silurian	G.L. 540'
Natural Gas Pipeline Co. of America	E. Marshall #6-D	660'S 660'E NWc NE SW Sec. 28 8N 3E	Silurian 3300'	G.L. 608'
Natural Gas Pipeline Co. of America	* Mabel Mills #11-D	698'S 390'E NWc SW Sec. 28 8N 3E	Silurian	G.L. 601'
Natural Gas Pipeline Co. of America	M. Mills #13-D	660'S 330'E NWc SW SW Sec. 28 8N 3E	Silurian 3300'	G.L. 559'
Natural Gas Pipeline Co. of America	* Orville Mills #4	660'N 330'E SWc NW Sec. 28 8N 3E	Silurian 3300'	G.L. 606'
Natural Gas Pipeline Co. of America	Rudco-Evans #3-D	660'N 660'W SWc NW NE Sec. 28 8N 3E	Silurian 3300'	G.L. 524'
Natural Gas Pipeline Co. of America	* Harold Zetsche #3-D	660'S 660'W NEc SE Sec. 28 8N 3E	Silurian 3300'	G.L. 605'
Natural Gas Pipeline Co. of America	* George Raymond C-64, #7-D	660'N 330'W SEc NE Sec. 29 8N 3E	Silurian	G.L. 578'
IROQUOIS COUNTY				
Northern Illinois Gas Co.	Taden #9	75'S 163.5'W NEc Sec. 11 26N 13W	Mt. Simon 3700'	G.L. 648.1'
Northern Illinois Gas Co.	Taden #10	65.8'S 75'W NEc SE NE Sec. 11 26N 13W	Mt. Simon 3700'	G.L. 650.3'
Northern Illinois Gas Co.	Taden Well #211	75.0'S 950.3'W NEc Sec. 11 26N 13W	Mt. Simon	G.L. 647.7'
Northern Illinois Gas Co.	C. Canady #201	100'N 66.5'E SWc NE NW Sec. 12 26N 13W	Mt. Simon 3400'-3500'	G.L. 653.2'
LIVINGSTON COUNTY				
Northern Illinois Gas Co.	H. Leathers #2	660'N 560.6'W SEc Sec. 29 28N 6E	Mt. Simon 3500'	G.L. 680.8'
Northern Illinois Gas Co.	Fienhold #24	1261'S 538'W NEc Sec. 32 28N 6E	Mt. Simon	G.L. 675.9'
Northern Illinois Gas Co.	K. Hanson #1	100'N 126'E SWc NE SE Sec. 32 28N 6E	Mt. Simon	G.L. 672.7'
Northern Illinois Gas Co.	Fienhold #25	660'S 660'E NWc SW Sec. 33 28N 6E	Mt. Simon 3500'	G.L. 700.9'
Northern Illinois Gas Co.	Fienhold #26	660'S 660'W NEc SW Sec. 33 28N 6E	Mt. Simon 3500'	G.L. 698.9'
MC LEAN COUNTY				
Northern Illinois Gas Co.	Cooke #3	2525'N 58.5'W SEc SW SE Sec. 14 25N 3E	Mt. Simon 4300'	G.L. 737'
MONTGOMERY COUNTY				
Illinois Power Co.	* L. Truitt #1	330'S 330'E NWc Sec. 4 9N 3W	St. Peter 3100'-3300'	G.L. 643.7'
MORGAN COUNTY				
Panhandle Eastern Pipe Line Co.	Staton #2-15	277'S 89'E NWc SW NE Sec. 15 13N 8W	St. Peter	G.L. 641.6'
Panhandle Eastern Pipe Line Co.	Wheeler #2-15	471'N 200'W SEc Sec. 15 13N 8W	St. Peter	G.L. 614.8'
Panhandle Eastern Pipe Line Co.	Wheeler #2-22	1200'S 140'W NEc Sec. 22 13N 8W	St. Peter	G.L. 604.3'
PEORIA COUNTY				
Central Illinois Light Co.	Cilco #6	39.55'S 578.65'E NWc SE SE Sec. 11 7N 6E	Niagaran	G.L. 608.5'
Central Illinois Light Co.	Cilco #7	726.53'S 31.09'W NEc SW SE Sec. 11 7N 6E	Niagaran	G.L. 605.82'

Central Illinois Light Co.	Cilco #8	723.14′S 17.46′E NWc NE SW SE-Sec. 11 7N 6E	Niagaran	G.L. 581.51′
Central Illinois Light Co.	Cilco #9	83.87′S 38.16′E NWc NE SW Sec. 11 7N 6E	Niagaran	G.L. 606.29′
Central Illinois Light Co.	Cowser #3	11′S 55.93′E NWc SE NE Sec. 11 7N 6E	Niagaran	G.L. 622.33′
Central Illinois Light Co.	Cowser #4	75′N 475′E SWc SE NE Sec. 11 7N 6E	Niagaran	G.L. 614.03′
Central Illinois Light Co.	Peters #8	80′N 455′W SEc NE SW Sec. 11 7N 6E	Niagaran	G.L. 614.16′
Central Illinois Light Co.	Peters #9	660′N 50′E SWc NE SW Sec. 11 7N 6E	Niagaran	G.L. 619.38′
Central Illinois Light Co.	Peters #10	598.26′N 25.43′W SEc NW NE Sec. 11 7N 6E	Niagaran	G.L. 622.78′
Central Illinois Light Co.	Severt #1	50′N 50′W SEc NW Sec. 11 7N 6E	Niagaran	G.L. 618.71′
ST. CLAIR COUNTY				
Illinois Power Co.	H. Reinheimer #4	1238′N 1089′E SWc SE Sec. 32 1S 7W	Cypress 355′-375′	G.L. 470′
Illinois Power Co.	H. Reinheimer #5	696′N 1630′E SWc SE Sec. 32 1S 7W	Cypress 340′-370′	G.L. 445′
Illinois Power Co.	H. Reinheimer #6	35′N 1359′E SWc SE Sec. 32 1S 7W	Cypress 323′-359′	G.L. 443′
Illinois Power Co.	E. J. Stoneman #8	313′N 842′E SWc SE NW Sec. 32 1S 7W	Cypress 360′-400′	G.L. 481′
Illinois Power Co.	E. J. Stoneman #9	98′S 6′W NEc NW SE Sec. 32 1S 7W	Cypress 354′-394′	G.L. 474′
Illinois Power Co.	E. J. Stoneman #10	700′S 6′W NEc NW SE Sec. 32 1S 7W	Cypress 347′-387′	G.L. 459′
Illinois Power Co.	Barttelbort #1	20′N 100′E SWc NW NW Sec. 5 2S 7W	Cypress 300′-370′	G.L. 470′
Illinois Power Co.	Sentry Royalty Co. #8	1130′S 1036′E NWc NE Sec. 5 2S 7W	Cypress 335′-386′	G.L. 458′
Illinois Power Co.	Sentry Royalty Co. #9	1892′S 1600′E NWc NE Sec. 5 2S 7W	Cypress 355′-405′	G.L. 470′
Illinois Power Co.	W. E. Ackermann #2	118′N 33′W SEc Sec. 8 2S 7W	Cypress 364′-404′	G.L. 476′
Illinois Power Co.	W. E. Ackermann #1	890′N 260′E SWc Sec. 9 2S 7W	Cypress 348′-390′	G.L. 468′
Illinois Power Co.	E. J. Ditman #1	3140′N 2170′E SWc Sec. 9 2S 7W	Cypress 309′-344′	G.L. 419′
Illinois Power Co.	Illinois Power Co. #2	3936′N 2217′E SWc Sec. 9 2S 7W	Cypress 303′-344′	G.L. 420′
Illinois Power Co.	John Lanter #7	2354′N 1605′E SWc Sec. 9 2S 7W	Cypress 310′-347′	G.L. 425′
Illinois Power Co.	John Lanter #8	1626′N 825′E SWc Sec. 9 2S 7W	Cypress 327′-366′	G.L. 449′
Illinois Power Co.	Needles #3	600′S 165′W NEc Sec. 17 2S 7W	Cypress 360′-385′	G.L. 470′
WARREN COUNTY				
Illinois Power Co.	Moberg #3	1337′N 1199′E SWc Sec. 3 12N 1W	Galesville	G.L. 722.6′
Illinois Power Co.	Moberg#6	1058′N 544′W SEc SW Sec. 3 12N 1W	Galesville	G.L. 726′
Illinois Power Co.	Noonan #1	450′N 1610′E SWc NW Sec. 3 12N 1W	Galesville	G.L. 726.6′

WATER SUPPLY WELLS

(Permits Issued in 1970)

Operator	Well (* =Converted Well)	Location	Formation	Elev.
CLAY COUNTY				
John M. Zanetis	S. Howell #WS-1	650'S 360'W NEc NW SW Sec. 9 2N 7E	Penn. 400'	G.L. 449'
Southern Triangle Oil Co.	* Conley #WS-3	418'N 241'W SEc NE NE Sec. 14 4N 7E	Penn.	G.L. 467'
FULTON COUNTY				
Truax-Traer Coal Company-Division of Consolidation Coal Co.	* Norris Mine #1	432'S 426'E NWc NW Sec. 4 7N 4E	Galesville 3040'	G.L. 761.42'
GALLATIN COUNTY				
Ashland Oil, Inc.	West Inman Unit #3 WS (W. R. Moye)	165'S 125'W NEc NW NW Sec. 14 8S 9E	Water Sand 100'	G.L. 383.46'
Tamarack Petroleum Co., Inc.	* Drone #2	330'N 330'W SEc NE SW Sec. 33 8S 9E	Penn. 160'	G.L. 375'
Tamarack Petroleum Co., Inc.	Drone WS #4	310'S 310'W NEc SW Sec. 33 8S 9E	Penn. 100'	G.L. 374'
JASPER COUNTY				
Tri-Apco, Inc.	* Henry Dhom #2	660'S 330'W NEc NW SW Sec. 34 7N 10E	Cypress 2325'-2460'	G.L. 473'
MADISON COUNTY				
E. A. Obering d/b/a Warrior Oil Co.	* Kettler #2 (WSW)	330'S 330'E NWc SW Sec. 9 4N 6W	Aux Vases	G.L. 531'
WABASH COUNTY				
National Associated Petroleum Co.	* Arthur Akin #10WS	868'S 898'W NEc NW Sec. 7 3S 13W	Penn. 150'	G.L. 386'
WASHINGTON COUNTY				
E. A. Obering d/b/a Warrior Oil Co.	* Hasemeier #1 (WSW)	200'S 40'E NWc NE SE Sec. 9 2S 2W	Penn. 850'	G.L. 555'
WAYNE COUNTY				
John B. Murvin	Illyes Heirs W. S. #1	315'N 255'E SWc NE NE Sec. 14 1N 7E	Water Sand 240'	G.L. 444'
Tamarack Petroleum Co., Inc.	Black Oak School Unit W.S. #3	280'N 330'E SWc NE Sec. 27 1S 8E	Penn. 800'	G.L. 491'
WHITE COUNTY				
Tamarack Petroleum Co., Inc.	* Hanna "A" #2	330'N 330'E SWc NW NE Sec. 29 5S 10E	Penn. 510'	G.L. 396'
The Superior Oil Co.	Jamestown Supply Well #1	430'S 345'W NEc SE Sec. 4 5S 14W	Water Sand 70'	G.L. 366'

WATER INPUT

(Permits Issued in 1970)

Operator	Well (* =Converted Well)	Location	Formation	Elev
BOND COUNTY				
Jack Z. Cole	* Vonberg #W-1	330'S 330'E NWc SW NE Sec. 32 6N 4W	Penn. 522'-533'	G.L. 492'
Jack Z. Cole	* Vonberg #W-2	330'N 330'E SWc NE Sec. 32 6N 4W	Penn. 518'-530'	G.L. 489'
CLARK COUNTY				
American Pump & Supply Co.	Blakeman #19-W	594'S 54'E NWc NE NE Sec. 13 9N 14W	Claypool 410'-450'	G.L. 550.5'
CLAY COUNTY				
John M. Zanetis	* W. L. Stanford #3	330'N 330'E SWc SE SW Sec. 3 2N 7E	Aux Vases 2952'-2962'	G.L. 440'
Union Oil Company of California	* Clay City West Cons.-John Hosselton A #1	330'S 668'E NWc SE Sec. 10 2N 7E	Aux Vases 2939'-2950' McClosky 3034'-3097'	G.L. 430'
Union Oil Company of California	* Thomas School Unit: J. E. Brissenden A #5	70'S NEc NW NE Sec. 8 2N 8E	Cypress 2626'-2660' McClosky 2972'-2980' 3017'-3021'	G.L. 450'
Union Oil Company of California	* Thomas School Unit: Leon Clark #7	1985'S 988.6'E NWc Sec. 8 2N 8E	Cypress 2642'-2672'	D.F.469'
Union Oil Company of California	* Thomas School Unit: Leon Clark #17	330'S 330'W NEc SE NW Sec. 8 2N 8E	Cypress 2638'-2666'	D.F. 473'
James C. Franklin	* James Franklin #1	330'S 330'E NWc Sec. 2 3N 7E	Cypress 2584'-2630' Aux Vases 2830'-2852'	G.L. 431'
W. C. McBride, Inc.	A. H. Neeley #5-W	330'S 330'W NEc SE SE Sec. 3 3N 7E	Cypress 2583'-2604' Aux Vases 2840'-2848'	G.L. 432'
Bernard Podolsky	* Brissenden #B-4	330'S 330'E NWc SW SW Sec. 9 3N 7E	McClosky 2960'-2967'	G.L. 457'
Bernard Podolsky	* Bowers #1	330'N 330'W SEc NW Sec. 16 3N 7E	McClosky 2971'-2978'	G.L. 458'
Bernard Podolsky	* Sehie #1	330'N 330'W SEc NW NE Sec. 17 3N 7E	McClosky 2970'-2976'	G.L. 467'
Union Oil Company of California	Bunnyville Cons: C. D. Duff-A #4	350'S 330'E NWc SE NE Sec. 32 3N 8E	Benoist 2823'-2830' Aux Vases 2865'-2885'	G.L. 439'
McKinney & Funderburk	* Jones-Wolf-Porter Unit Injection #1	330'S 330'E NWc SW Sec. 10 4N 6E	Rosiclare 2808'-2815'	G.L. 473'
Southern Triangle Oil Co.	* Hastings #W-1A	330'N 330'E SWc NW SW Sec. 12 4N 7E	Cypress 2601'-2618'	G.L. 470'
Southern Triangle Oil Co.	* Hastings #W-2A	480'N 330'E SWc Sec. 12 4N 7E	Middle Cypress 2622'-2635'	G.L. 471'
Southern Triangle Oil Co.	* Hastings #W-4D	330'N 330'E SWc Sec. 12 4N 7E	Cypress 2593'-2607'	G.L. 467'
Southern Triangle Oil Co.	Conley #W-1	330'N 24'W SEc NE NE Sec. 14 4N 7E	Cypress 2588'-2630'	G.L. 467'
Texaco, Inc.	* J. Nadler #3 (Tract 9)	330'N 330'W SEc NE SW Sec. 4 5N 7E	Weiler Zone II 2485'-2524'	G.L. 539'
Texaco, Inc.	* W. Landwehr NCT-1-#6 (Tract 23)	350'S 330'W NEc SW NE Sec. 8 5N 7E	Weiler Zone II 2479'-2494'	G.L. 515'
CLINTON COUNTY				
Sohio Petroleum Co.	* Hefter Heirs #11	1850'S 2138'W NEc Sec. 13 1N 1W	Benoist 1360'-1380'	

WATER INPUT—Continued
(Permits Issued in 1970)

Operator	Well (* =Converted Well)	Location	Formation	Elev.
CRAWFORD COUNTY				
Carmax Industries, Inc.	* Frost Heirs #5	330'N 330'E SWc Sec. 6 5N 12W	Benoist 1341'-1356'	G.L. 481'
Carmax Industries, Inc.	* Hudson Heirs #1-A	330'S 660'W NEc NW Sec. 7 5N 12W	Benoist 1409'-1422'	G.L. 542.2'
W. C. Siddens d/b/a Prudential Oil Co.	Ray Imboden #W-1	50'N 10'E SWc NW SW Sec. 31 6N 12W	Robinson 960'-1000' Benoist 1320'-1350' McClosky 1450'-1470'	G.L. 450.9'
Richard G. Stokes d/b/a Citation Oil Co.	Conover WB #2	1980'N 1344'E SWc Sec. 19 7N 12W	Robinson 900'-1000'	G.L. 539.3'
Richard G. Stokes d/b/a Citation Oil Co.	Conover WC #3	1320'N 2004'E SWc Sec. 19 7N 12W	Robinson 900'-1000'	G.L. 544.4'
Richard G. Stokes d/b/a Citation Oil Co.	Conover WB #4	660'N 1344'E SWc Sec. 19 7N 12W	Robinson 900'-1000'	G.L. 536.5'
Bertram Oil Corp.	J. H. Titsworth #W-1	660'S 660'E NWc SE SW Sec. 5 7N 13W	Robinson 950'-1000'	G.L. 514.1'
Marathon Oil Co.	R. M. Clark a/c 4 #N-15	1270'S 10'W NEc SW Sec. 17 7N 13W	Benoist 1330'-1350' Renault 1370'-1390' Rosiclare 1440'-1470'	G.L. 510'
Marathon Oil Co.	J. G. McKnight a/c 1 #M-13	50'S 50'W NEc NW SW Sec. 17 7N 13W	Benoist 1330'-1350' Renault 1370'-1390' Rosiclare 1440'-1470'	G.L. 508'
Marathon Oil Co.	L. C. & J. H. Wilkin #M-11	1344'N 20'W SEc SW NW Sec. 17 7N 13W	Benoist 1330'-1350' Renault 1370'-1400' St. Genevieve 1490'-1550'	G.L. 512'
Marathon Oil Co.	Dan Kintner #G-9	79'S 10'W NEc NW NE Sec. 18 7N 13W	Benoist 1330'-1350' Renault 1370'-1400' St. Genevieve 1490'-1550'	G.L. 501'
Marathon Oil Co.	J. H. Wilkin a/c 1 #K-9	75'S 84'W NEc Sec. 18 7N 13W	Benoist 1330'-1350' Renault 1370'-1400' St. Genevieve 1490'-1550'	G.L. 508'
Marathon Oil Co.	J. W. Shumaker #G-23	1291'S 50'E NWc NE SE Sec. 19 7N 13W	Benoist 1340'-1350' Renault 1370'-1390' Rosiclare 1425'-1437'	G.L. 497'
Getty Oil Co.	S. O. Allen #M-29	10'S 35'E NWc NE SW Sec. 29 7N 13W	Bethel 1324'-1334' Aux Vases 1392'-1396' St. Genevieve 1417'-1424'	G.L. 489.2'
Getty Oil Co.	S. O. Allen #N-29	10'S 15'E NWc SE Sec. 29 7N 13W	Bethel 1324'-1334' Aux Vases 1392'-1395' St. Genevieve 1417'-1424'	G.L. 496.3'
Getty Oil Co.	S. O. Allen #P-29	10'S 72'W NEc NW SE Sec. 29 7N 13W	Bethel 1324'-1334' Aux Vases 1392'-1395' St. Genevieve 1417'-1424'	G.L. 497.1'
Getty Oil Co.	S. O. Allen #M-31	23'N 15'E SWc NE SW Sec. 29 7N 13W	Bethel 1324'-1334' Aux Vases 1392'-1395' St. Genevieve 1417'-1425'	G.L. 490.8'
Getty Oil Co.	S. O. Allen #P-31	80'N 70'W SEc NW SE Sec. 29 7N 13W	Bethel 1324'-1334' Aux Vases 1392'-1395' St. Genevieve 1417'-1424'	G.L. 494.7'
Royalco, Inc.	Best #R-28	15'S 45'W NEc NW NE Sec. 29 7N 13W	Benoist 1340'-1350'	G.L. 504'

Royalco, Inc.	Dennis #G-3	375'N 467'E SWc NW Sec. 29 7N 13W	Benoist 1350'-1360'	G.L. 496'
Royalco, Inc.	Dennis Hrs. #K-27	45'S NWc SW NW Sec. 29 7N 13W	Benoist 1350'-1360'	G.L. 501'
Royalco, Inc.	Wilkin #0-1	35'S 35'W NEc SW NE Sec. 29 7N 13W	Benoist 1340'-1350'	G.L. 497'
Royalco, Inc.	Dennis #K-29	20'N 20'W SEc NE Sec. 30 7N 13W	Benoist 1350'-1360'	G.L. 495'
EDWARDS COUNTY				
Tartan Oil Co.	* L. Lipper #C-1	330'N 330'W SEc NW NE Sec. 33 1S 14W	Cypress 2253'-2258' Weiler 2335'-2344' Benoist 2770'-2776'	D.F. 402'
Getty Oil Co.	* Southwest Albion Biehl Sand Unit Well #S-5	330'S 330'E NWc NE NW Sec. 11 3S 10E	Biehl 1990'-2012'	G.L. 471'
Getty Oil Co.	* Southwest Albion Biehl Sand Unit Well #S-7	330'S 330'E NWc NE Sec. 11 3S 10E	Biehl 2012'-2035'	G.L. 510'
Getty Oil Co.	* Southwest Albion Biehl Sand Unit Well #S-16	330'S 330'E NWc SE NW Sec. 11 3S 10E	Biehl 1958'-1975'	G.L. 434'
Getty Oil Co.	* Southwest Albion Biehl Sand Unit Well #S-18	330'S 330'E NWc SW NE Sec. 11 3S 10E	Biehl 1970'-1992'	G.L. 460'
Getty Oil Co.	* Southwest Albion Biehl Sand Unit Well #S-25	330'S 330'E NWc NE SW Sec. 11 3S 10E	Biehl 2041'-2063'	G.L. 525'
Getty Oil Co.	* Southwest Albion Biehl Sand Unit Well #S-27	330'S 330'E NWc SE Sec. 11 3S 10E	Biehl 2049'-2063'	G.L. 530'
Getty Oil Co.	* Southwest Albion Biehl Sand Unit Well #S-33	915'S 330'W NEc SW SW Sec. 11 3S 10E	Biehl 1942'-1966'	G.L. 430'
EFFINGHAM COUNTY				
R. H. Billingsley	* A. Stortzum #1-A	330'N 330'E SWc NW SE Sec. 22 6N 7E	Cypress 2565'-2574'	G.L. 559'
R. H. Billingsley	* Stortzum #3-A	330'S 330'E NWc SE Sec. 22 6N 7E	Cypress 2560'-2570'	G.L. 560'
Marion Corp.	* Bible Grove Upper Cypress Sand Unit Tract 2-Well #2	400'S 290'E NWc NE NW Sec. 27 6N 7E	Upper Cypress 2543'-2557'	G.L. 557'
Marion Corp.	* Bible Grove Upper Cypress Sand Unit Tract 7-Well #5	330'S 330'E NWc SE SW Sec. 27 6N 7E	Upper Cypress 2539'-2551'	S.M. 549'
FAYETTE COUNTY				
W. L. Belden	* Drewes Unit #2	330'N 330'W SEc SW NW Sec. 12 5N 2E	Carper 3219'-3243' 3246'-3263'	G.L. 579'
W. L. Belden	* John Gehle "B" #1	330'N 330'W SEc SW Sec. 12 5N 2E	Carper 3207'-3213'	G.L. 579'
W. L. Belden	* John Gehle "B" #3	330'S 330'E NWc SE SW Sec. 12 5N 2E	Carper 3208'-3235'	G.L. 574'
W. L. Belden	* Gehle Etal #3	330'S 330'E NWc NE SW Sec. 12 5N 2E	Carper 3206'-3232' 3236'-3249'	G.L. 571'
W. L. Belden	* C. F. Meyer Unit #4	330'S 330'E NWc SW NE Sec. 12 5N 2E	Carper 3196'-3212'	G.L. 572'
W. L. Belden	* John Gehle #1	1650'S 990'W NEc Sec. 13 5N 2E	Carper 3204'-3222'	G.L. 577'
W. L. Belden	* Kewanee-Meyer #1	330'N 330'W SEc NW NE Sec. 13 5N 2E	Carper 3204'-3230'	G.L. 580'
W. L. Belden	* Kewanee-Meyer #2	330'S 330'E NWc NE Sec. 13 5N 2E	Carper 3203'-3227'	G.L. 577'
W. L. Belden	* Clara #1	330'S 330'E NWc NE SW Sec. 18 5N 3E	Carper 3221'-3240'	G.L. 588'
W. L. Belden	* Clara #2	330'N 330'W SEc NE SW Sec. 18 5N 3E	Carper 3236'-3260' 3263'-3279'	G.L. 590'
W. L. Belden	* James Harpster #1	330'S 330'E NWc SW SE Sec. 18 5N 3E	Carper 3258'-3275'	G.L. 595'
W. L. Belden	* Mary Meyer Unit #2	330'N 330'W SEc NW NW Sec. 18 5N 3E	Carper 3214'-3234'	G.L. 584'

WATER INPUT—Continued
(Permits Issued in 1970)

Operator	Well (* =Converted Well)	Location	Formation	Elev.
L. B. Hoss Trust Robert L. Hoss, Trustee	* Garver-Marchman #3	370'N 70'W SEc Sec. 24 6N 2E	Carper 3092'-3187'	G.L. 571.1'
Texaco, Inc.	* E. Combe #2 (Tract 10)	330'S 990'W NEc SW SW Sec. 6 6N 3E	Weiler 1559'-1575'	G.L. 597'
Texaco, Inc.	* E. G. McKee NCT-1 (Tract 6-#1)	990'S 1446'E NWc S½ NW Sec. 6 6N 3E	Weiler 1533'-1551'	G.L. 597'
Texaco, Inc.	* E. G. McKee NCT-1 #3 (Tract 6)	330'N 330'E SWc SE NW Sec. 6 6N 3E	Weiler 1526'-1544'	G.L. 597'
Texaco, Inc.	* E. G. McKee NCT-1 #9 (Tract 6)	330'N 330'W SEc NW Sec. 6 6N 3E	Weiler 1535'-1566'	G.L. 602'
Texaco, Inc.	* A. H. Yakel #3 (Tract 7)	1004'N 330'E SWc E½ SW Sec. 6 6N 3E	Weiler 1554'-1571'	G.L. 597'
Texaco, Inc.	* A. H. Yakel #8 (Tract 7)	330'N 330'W SEc NE SW Sec. 6 6N 3E	Weiler 1556'-1576'	G.L. 602'
Texaco, Inc.	* L. O. Wooten NCT-1 #1 (Tract 4)	330'S 330'E NWc SE SW Sec. 31 7N 3E	Weiler 1524'-1542'	G.L. 597'
W. L. Belden	Oliver #6-W	660'S NWc SW SE Sec. 24 8N 3E	Weiler 1600'	G.L. 610.4'
W. L. Belden	Oliver #7	8'N SEc NW SE Sec. 24 8N 3E	Weiler 1600'	G.L. 602.4'
FRANKLIN COUNTY				
Duncan Leases & Royalties	* Allen-Martin #2	330'S 330'W NEc SE NW Sec. 10 7S 4E	Aux Vases 3104'-3134'	G.L. 494'
GALLATIN COUNTY				
John B. Murvin	* Denham #1	330'S 330'E NWc NE Sec. 24 7S 8E	Cypress 2557'-2564' Benoist 2719'-2726'	
American Pump & Supply Co.	* Wolf #1	330'S 330'W NEc SE SE SE Sec. 31 7S 8E	Hardinsburg 2194'-2206'	G.L. 359'
American Pump & Supply Co.	* R. A. Wolf #B-1	330'N 330'W SEc NE SE Sec. 31 7S 8E	O'Hara 2770'-2775'	G.L. 357'
American Pump & Supply Co.	* Ollie Pense #1	330'N 330'E SWc SE NW Sec. 32 7S 8E	Upper O'Hara 2722'-2732' Rosiclare 2783'-2794'	G.L. 356'
T. W. George	* J. S. Utley #1	330'S 330'E NWc SW SE Sec. 34 7S 8E	Aux Vases 2729'-2748'	G.L. 373'
Collins Brothers Oil Co.	* Boyd #2	330'S 330'W NEc SE Sec. 23 7S 9E	Aux Vases 2932'-2956'	D.F. 384'
Collins Brothers Oil Co.	* Boyd "B" #2	430'S 330'W NEc SE NE Sec. 23 7S 9E	Tar Springs 2343'-2353' Aux Vases 2940'-2968'	G.L. 386'
American Pump & Supply Co.	* Elma R. Delahunt #2	1164'N 330'E SWc SE NW Sec. 5 8S 8E	Lower O'Hara 2736'-2748' Rosiclare 2784'-2793'	G.L. 355'
American Pump & Supply Co.	* Delahunt #6	990'S 330'E NWc Sec. 5 8S 8E	Hardinsburg 2180'-2190'	G.L. 358'
American Pump & Supply Co.	* R. A. Wolf #A-2	506'S 990'W NEc Frac. 6 8S 8E	Cypress 2403'-2411'	G.L. 359'
Tamarack Petroleum Co., Inc.	* Drone Comm. #1-A	330'S 330'W NEc SW Sec. 33 8S 9E	Biehl 1566'-1575'	G.L. 374'
HAMILTON COUNTY				
Collins Brothers Oil Co.	* Amanda Tate #1	332'N 330'E SWc SE SE SW Sec. 14 4S 7E	Renault 3272'-3278' Aux Vases 3290'-3326'	G.L. 425'
Collins Brothers Oil Co.	* Am Thomas #1	330'S 330'W NEc Sec. 23 4S 7E	Renault 3282'-3288'	G.L. 415'
Marathon Oil Co.	* Ira Peters #G-4	330'S 330'E NWc SW Sec. 26 4S 7E	Aux Vases 3289'-3314'	D.F. 433'
Marathon Oil Co.	* C. F. Rebstock #G-2	1045'N 330'E SWc NW Sec. 26 4S 7E	Aux Vases 3300'-3324'	G.L. 422'
Marathon Oil Co.	* C. F. Rebstock #J-2	330'S 330'E NWc SE NW Sec. 26 4S 7E	Aux Vases 3283'-3295'	G.L. 410'
Marathon Oil Co.	* E. D. York #J-4	330'S 330'E NWc NE SW Sec. 26 4S 7E	Aux Vases 3282'-3303'	
Marathon Oil Co.	* J. A. Barnett #E-4	330'S 330'E NWc NE SE Sec. 27 4S 7E	Aux Vases 3298'-3305'	G.L. 435'

Marathon Oil Co.	* C. Hawthorne #E-6	330'S 330'E NWc SE SE Sec. 27 4S 7E	Aux Vases 3308'-3325'	D.F. 435'
Marathon Oil Co.	* E. York #E-2	350'S 330'E NWc SE NE Sec. 27 4S 7E	Aux Vases 3296'-3313'	G.L. 420'
Marathon Oil Co.	* C. Hawthorne #E-8	330'S 330'E NWc NE NE Sec. 34 4S 7E	Aux Vases 3301'-3316'	D.F. 430'
Marathon Oil Co.	* York-Tibbs Community #G-8	330'S 330'E NWc Sec. 35 4S 7E	Aux Vases 3295'-3323'	D.F. 425'
Joe Simpkins Oil Developments	* Nova Harrelson #1-A	330'S 330'E NWc SW SE Sec. 10 6S 5E	Aux Vases 3180'-3200'	G.L. 484'
Joe Simpkins Oil Developments	* Robertson #1	330'S 330'W NEc SE Sec. 10 6S 5E	Aux Vases 3203'-3223'	G.L. 464'
Joe Simpkins Oil Developments	* Sneed #1	330'S 330'E NWc SE SE Sec. 10 6S 5E	Aux Vases 3152'-3187'	G.L. 473'
Joe Simpkins Oil Developments	* Foster #3	330'S 330'E NWc SE SW Sec. 15 6S 5E	Aux Vases 3218'-3234'	G.L. 524'
Joe Simpkins Oil Developments	* B. R. Harrelson #1-A	330'S 330'E NWc SW NW Sec. 15 6S 5E	Aux Vases 3185'-3200'	G.L. 487'
Joe Simpkins Oil Developments	* Nova Harrelson #2	330'S 330'E NWc SE NW Sec. 15 6S 5E	Aux Vases 3163'-3187'	G.L. 473'
Joe Simpkins Oil Developments	* Hungate #1-A	330'S 330'W NEc NW NW Sec. 15 6S 5E	Aux Vases 3198'-3217'	G.L. 503'
Joe Simpkins Oil Developments	* Hunt #1-A	330'S 330'E NWc NE SW Sec. 15 6S 5E	Aux Vases 3153'-3178'	G.L. 472'
Joe Simpkins Oil Developments	* Keck #1	330'S 330'E NWc SE Sec. 15 6S 5E	Aux Vases 3147'-3176'	G.L. 467'
Joe Simpkins Oil Developments	* Keck-Lockwood #1	330'S 330'E NWc SW SE Sec. 15 6S 5E	Aux Vases 3198'-3228'	G.L. 537'
Joe Simpkins Oil Developments	* Morey #1-A	330'S 330'E NWc NE Sec. 15 6S 5E	Aux Vases 3209'-3236'	G.L. 522'
Joe Simpkins Oil Developments	* Taylor #1	330'S 330'E NWc SW NE Sec. 15 6S 5E	Aux Vases 3158'-3188'	G.L. 479'
Joe Simpkins Oil Developments	* Baumgarte #1-B	330'S 330'W NEc SE Sec. 16 6S 5E	Aux Vases 3201'-3230'	G.L. 501'
Joe Simpkins Oil Developments	* Jerry Harrelson #1-A	330'S 330'W NEc NW SE Sec. 16 6S 5E	Aux Vases 3217'-3237'	G.L. 512'
Joe Simpkins Oil Developments	* Jordan-Darnell #1	330'S 330'E NWc SW SE Sec. 16 6S 5E	Aux Vases 3257'-3262'	G.L. 537'
Joe Simpkins Oil Developments	* Richason #2	330'S 330'E NWc SE SE Sec. 16 6S 5E	Aux Vases 3264'-3299'	G.L. 574'
Joe Simpkins Oil Developments	* Johnson #1	330'S 330'W NEc NW Sec. 21 6S 5E	Aux Vases 3191'-3217'	G.L. 504'
Texaco, Inc.	* A. Anderson #3 (Tract 5)	660'N 710'W SEc Sec. 1 6S 6E	Aux Vases 3004'-3026'	G.L. 380'
Stewart Producers, Inc. & Stewart Bros., a Partnership	* Ada Dial #2 WI	330'S 330'E NWc SE SW Sec. 8 6S 6E	O'Hara 3141'-3162'	G.L. 405'
Texaco, Inc.	* W. Daily #13 (Tract 11)	982'S 1036'E NWc NE Sec. 12 6S 6E	Upper Cypress 2700'-2724'	G.L. 377'
Texaco, Inc.	* N. Beagle #6 (Tract 7)	330'N 330'W SEc SW SE Sec. 6 6S 7E	U. Cypress 2676'-2687' Benoist 2846'-2880' Aux Vases 2942'-2983'	G.L. 373'
Texaco, Inc.	* J. Clark #3 (Tract 12)	330'N 334'E SWc SE NW Sec. 7 6S 7E	Upper Cypress 2676'-2695'	G.L. 375'
Texaco, Inc.	* J. Clark #8 (Tract 12)	330'N 330'E SWc NW Sec. 7 6S 7E	Upper Cypress 2689'-2714'	G.L. 382'
Texaco, Inc.	* R. Johnson #4 (Tract 24)	330'S 330'W NEc NW SE Sec. 7 6S 7E	Benoist 2888'-2912'	G.L. 385'
Texaco, Inc.	* A. Wheeler #1 (Tract 52)	330'S 330'W NEc SW SW Sec. 18 6S 7E	Tar Springs 2425'-2443'	G.L. 403'
JASPER COUNTY				
John M. Zanetis	* A. Blair #1	660'S 330'E NWc SW NW Sec. 23 5N 9E	McClosky 3040'-3055'	G.L. 505'
Union Oil Company of California	* Mt. Gilead Cons: Craig Cons. #2	717'S 330'E NWc SW Sec. 20 5N 10E	McClosky 2755'-2840'	G.L. 481'
Hawk Oil Producers	* Mamie Acklin #1	660'N 660'E SWc Sec. 20 6N 10E	McClosky 2838'-2855'	G.L. 525'
John M. Zanetis	* Clapp #5	330'N 330'E SWc SE SW Sec. 32 6N 10E	Aux Vases 2730'-2738' McClosky 2854'-2860' St. Louis 3136'-3160'	G.L. 521'
JEFFERSON COUNTY				
Texaco, Inc.	* E. H. Meyer #2 (Tract 16)	330'S 330'W NEc SW NE Sec. 23 1S 3E	McClosky 2731'-2758' 2772'-2782' 2792'-2798'	G.L. 574'
Shakespeare Oil Co., Inc.	* Paul Mace "C" #1	480'N 330'W SEc SW SW Sec. 34 3S 3E	Aux Vases 2704'-2726'	G.L. 439.5'
Shakespeare Oil Co., Inc.	* Paul Mace "B" #4	330'N 330'W SEc NW SW Sec. 34 3S 3E	Aux Vases 2713'-2725'	G.L. 446'

WATER INPUT—Continued
(Permits Issued in 1970)

Operator	Well (* =Converted Well)	Location	Formation	Elev
LAWRENCE COUNTY				
Wayne Smith Operator, Inc.	* J. C. Catt #W-100	990'N 330'W SEc SW Sec. 23 2N 12W	Biehl 1304'-1326'	G.L. 431'
W. C. McBride, Inc.	N. M. Rogers #27-W	660'N 15'E SWc SE NW Sec. 14 3N 12W	Kirkwood 1521'-1560' Paint Creek 1630'-1655'	G.L. 430'
John M. Zanetis	* Wm. Gillespie #3	100'N 330'W SEc NE SW Sec. 15 3N 12W	Buchanan 1310'-1325' Cypress 1580'-1600'	
John M. Zanetis	W. M. Gillespie #6-W	660'N 20'E SWc SE SW Sec. 15 3N 12W	Ridgely 1230'-1240' Buchanan 1300'-1375' Jackson 1495'-1515' Cypress 1565'-1610'	G.L. 439'
John M. Zanetis	W. H. Gillespie #7-W	70'N 10'E SWc SE SW Sec. 15 3N 12W	Buchanan 1300'-1330' Cypress 1570'-1600'	G.L. 436'
C. E. Skiles, Inc.	Bridgeport South Unit #11	5'S 660'W NEc NW SW Sec. 19 3N 12W	Paint Creek 1950'-1970'	G.L. 455'
C. E. Skiles, Inc.	Bridgeport South Unit #12	5'S 5'W NEc NW SW Sec. 19 3N 12W	Paint Creek 1950'-1970'	G.L. 462'
C. E. Skiles, Inc.	Bridgeport South Unit #13	660'N 5'W SEc NW SW Sec. 19 3N 12W	Paint Creek 1950'-1970'	G.L. 453'
Sam G. Walker d/b/a Walker Drilling Co.	* Lewis #9	330'S 330'E NWc NE SW Sec. 24 3N 12W	Cypress 1622'-1632'	G.L. 369'
Marathon Oil Co.	* G. L. Ryan a/c 3 #PP-3A	1040'N 330'W SEc Sec. 26 3N 12W	Kirkwood 1585'-1593' Kirkwood 1600'-1610' Paint Creek 1644'-1651' Paint Creek 1706'-1715'	G.L. 501'
Marathon Oil Co.	* G. L. Ryan a/c 3 #NN-4A	330'N 330'E SWc SE SE Sec. 26 3N 12W	Kirkwood 1609'-1628' Paint Creek 1713'-1722'	G.L. 514'
Marathon Oil Co.	* G. L. Ryan a/c 3 #PP-5A	306'S 330'W NEc Sec. 35 3N 12W	Kirkwood 1586'-1621' Paint Creek 1694'-1705'	G.L. 491'
Marathon Oil Co.	* G. L. Ryan a/c 3 #NN-6A	330'N 330'E SWc NE NE Sec. 35 3N 12W	Bridgeport 973'-1006' Kirkwood 1562'-1573' Paint Creek 1658'-1675'	G.L. 468'
Marathon Oil Co.	* G. L. Ryan a/c 3 #RR-5A	330'S 1022'E NWc Sec. 36 3N 12W	Bridgeport 965'-987' Kirkwood 1583'-1590' Kirkwood 1596'-1605' Paint Creek 1686'-1698'	G.L. 475'
Marathon Oil Co.	* G. L. Ryan a/c 3 #QQ-6A	1016'S 341'E NWc Sec. 36 3N 12W	Bridgeport 944'-964' Kirkwood 1564'-1590' Paint Creek 1662'-1670'	G.L. 461'
Marathon Oil Co.	C. L. Lewis #T-19-A	105'N 720'W SEc NW SW Sec. 20 4N 12W	Kirkwood 1300'-1350'	G.L. 435'
Curtis Companies	* Mary F. Harlan Etal #1	330'S 990'W NEc SE SE Sec. 11 4N 13W	Benoist 1687'-1702'	G.L. 463.1'
Marathon Oil Co.	George J. Stoltz #GG-29	50'S 1352'W NEc Sec. 36 4N 13W	Kirkwood 1600'-1615'	G.L. 476'
MADISON COUNTY				
E. A. Obering d/b/a Warrior Oil Co.	* Daisy Bird Comm. #3 (W-1)	300'N 300'W SEc SW SE Sec. 8 4N 6W	Silurian 1722'-1807'	G.L. 526'
E. A. Obering d/b/a Warrior Oil Co.	* H. Heuser #6 (W-2)	330'S 330'E NWc SE NE Sec. 8 4N 6W	Silurian 1706'-1820'	G.L. 533'
Ralph W. Choisser Associates	Quade W.I. #1	664'W SEc NE SE Sec. 21 6N 6W	Penn. 520'-530'	G.L. 572.3'
Ralph W. Choisser Associates	Quade W.I. #2	667'N 684'W SEc NE SE Sec. 21 6N 6W	Penn. 520'-530'	G.L. 570.5'

MARION COUNTY

William J. Pfeffer	* Pfeffer Unit #4	5'S 660'W NEc SE NW Sec. 8 1N 1E	Petro 795'-870'	G.L. 485'
Texaco, Inc.	* Salem Unit O/A Tract 177 (C. E. Richardson "A") Well #13	670'S 210'E NWc SW Sec. 5 1N 2E	McClosky 1948'-1985'	D.F. 531'
Texaco, Inc.	* Salem Unit O/A Tract 215 (W. D. Fyke #2) Well #13	330'N 660'E SWc NW SE Sec. 8 1N 2E	Devonian 3519'-3571'	D.F. 561'
Ego Oil Co., Inc.	* Boyd #2	400'S 330'W NEc SW NE Sec. 13 1N 3E	McClosky 2716'-2723'	G.L. 531'
Texaco, Inc.	* T. Fisher #8 (Tract 3) Tonti Unit	330'S 330'E NWc SE NE Sec. 4 2N 2E	Aux Vases 2025'-2044' Rosiclare 2130'-2137' McClosky 2144'-2158'	G.L. 562'
Texaco, Inc.	Salem Unit O/A Tract 14 Well #23	330'S 80'W NEc SE SW Sec. 16 2N 2E	McClosky 2000'-2075'	D.F. 516'
Texaco, Inc.	* Salem Unit O/A Tract 14, Well #28	330'S 692'E NWc SW SW Sec. 16 2N 2E	McClosky 1999'-2087'	D.F. 534'
Texaco, Inc.	* Salem Unit O/A Tract 9 (W. O. Chitwood) Well #44	330'N 691'E SWc NW SW Sec. 16 2N 2E	McClosky 2010'-2024'	D.F. 538'
Texaco, Inc.	* Salem Unit O/A Tract 38 (Young Heirs) Well #4	1130'S 635'W NEc NE SE Sec. 20 2N 2E	Salem 2190'-2200'	D.F. 535'
Texaco, Inc.	* Salem Unit O/A Tract 35 (Salem State Bank) Well #5-B	380'N 330'E SWc SE Sec. 20 2N 2E	Aux Vases 1785'-1870'	D.F. 533'
Texaco, Inc.	* Salem Unit O/A Tract 16 (A. J. Sweney) Well #7	260'N 330'W SEc NE NW Sec. 20 2N 2E	Salem 2215'-2235'	D.F. 533'
Texaco, Inc.	* Salem Unit O/A Tract 35 (Salem State Bank) Well #7-C	1014'S 289'E NWc SE Sec. 20 2N 2E	Salem 2329'-2359'	D.F. 540'
Texaco, Inc.	* Salem Unit O/A Tract 17 (J. O. Shanafelt A) Well #24	330'S 100'E NWc NE NE Sec. 20 2N 2E	Salem 2206'-2218'	D.F. 533'
Texaco, Inc.	* Salem Unit Tract 19 Well #17	270'N 657'E SWc NW NW Sec. 21 2N 2E	McClosky 1985'-2005'	D.F. 537'
Texaco, Inc.	* Salem Unit O/A Tract 19 (D. Shanafelt) Well #34	310'S 253'E NWc Sec. 21 2N 2E	Salem 2216'-2246'	D.F. 534'
Texaco, Inc.	* Salem Unit O/A Tract 43 (J. H. Young) Well #34	238'S 223'E NWc SW Sec. 21 2N 2E	McClosky 1949'-2060'	D.F. 537'
Texaco, Inc.	* Salem Unit O/A Tract 44 (W. B. Young 2) Well #35	212'S 520'E NWc SW Sec. 21 2N 2E	Salem	D.F. 537'
Texaco, Inc.	* Salem Unit O/A Tract 73 (W. Fossieck) Well #8	282'N 288'W SEc NW Sec. 29 2N 2E	Aux Vases 1821'-1856'	D.F. 540'
Texaco, Inc.	* Salem Unit O/A Tract 53 (R. Shanafelt) Well #13	380'N 330'E SWc NE NE Sec. 29 2N 2E	Aux Vases 1822'-1858'	D.F. 532'
Texaco, Inc.	* Salem Unit O/A Tract 59 (M. J. Young) Well #19	382'N 336'W SEc NE NW Sec. 29 2N 2E	Aux Vases 1846'-1878'	D.F. 541'
Texaco, Inc.	* Salem Unit O/A Tract 85 (S. Shanafelt) Well #30	265'S 291'W NEc SE NW Sec. 29 2N 2E	Aux Vases 1796'-1850'	D.F. 529'
Texaco, Inc.	* Salem Unit O/A Tract 121 (O. F. Hopkins) Well #7	288'S 303'E NWc NE SE Sec. 31 2N 2E	Aux Vases 1719'-1756'	D.F. 480'
Texaco, Inc.	* Salem Unit O/A Tract 121 (O. F. Hopkins) Well #4	330'S 330'W NEc NW SW Sec. 32 2N 2E	Aux Vases 1733'-1789'	D.F. 486'
Texaco, Inc.	* Salem Unit O/A Tract 97 (L. E. Maxwell) Well #5	320'N 310'E SWc NE NE Sec. 32 2N 2E	McClosky 1953'-2033'	D.F. 524'
Texaco, Inc.	* Salem Unit O/A Tract 109 (S. D. Branch) #5	280'N 330'W SEc NE Sec. 32 2N 2E	Aux Vases 1850'-1879'	D.F. 534'
Texaco, Inc.	* Salem Unit O/A Tract 123, Well #8 (E. Farthing "A")	330'N 660'E SWc NW SE Sec. 32 2N 2E	McClosky 1957'-1969'	D.F. 527'
Texaco, Inc.	* Salem Unit O/A Tract 139 (M.I. Williams) Well #20	380'S 310'W NEc SE NW SW Sec. 32 2N 2E	Aux Vases 1751'-1809'	D.F. 512'
Texaco, Inc.	* Salem Unit O/A Tract 139 (M. I. Williams) Well #25	1003'N 276'W SEc SW SW Sec. 32 2N 2E	Aux Vases 1745'-1796'	D.F. 490'

WATER INPUT—Continued
(Permits Issued in 1970)

Operator	Well (* =Converted Well)	Location	Formation	Elev.
RICHLAND COUNTY				
Union Oil Company of California	* R. H. & P. Consolidated: Earl Rusk #2	660'S 330'E NWc SE SE Sec. 24 3N 8E	McClosky 2937'-3010'	G.L. 452'
Union Oil Company of California	* R. H. & P. Cons: B. M. Hawkins-A #1	660'S 330'E NWc NE Sec. 25 3N 8E	McClosky 2932'-3000'	G.L. 434'
Union Oil Company of California	* C. T. Montgomery-B #17	50'S 15'E NWc SE NW Sec. 4 3N 9E	Aux Vases 2817'-2870'	D.F. 500'
Ives Boisvert d/b/a Ives Oil Producers	* Provines WI #1	330'S 330'E NWc SE NW Sec. 34 3N 14W	McClosky 3178'-3183'	G.L. 476'
Union Oil Company of California	* Wakefield Unit-Lucas Cons. #1	668'S 682'E NWc NE Sec. 25 4N 9E	Cypress 2530'-2547'	D.F. 488'
Union Oil Company of California	* Wakefield Unit-C. B. Woodward #2	330'N 330'W SEc SW NE Sec. 25 4N 9E	Cypress 2552'-2562'	G.L. 486'
Union Oil Company of California	* C. H. Snider #1	730'N 357'W SEc Frac. NW Sec. 6 4N 10E	McClosky 2846'-3357'	D.F. 485'
Union Oil Company of California	* J. H. Wachtel -A #4	700'S 1644'E NWc Frac. SW Sec. 6 4N 10E	McClosky 2815'-2919'	G.L. 487'
Union Oil Company of California	* Virgil Compton #2	660'S 330'W NEc Sec. 36 5N 9E	McClosky 2819'-2875'	G.L. 483'
Continental Oil Co.	* Dundas West Unit #2	330'N 330'E SWc SE NW SW Sec. 28 5N 10E	McClosky 2883'-2891'	G.L. 475'
Union Oil Company of California	* South Dundas Cons: Bessie Hearn-A #1	674'N 1590'E SWc Frac. SW Sec. 30 5N 10E	McClosky 2806'-2883'	D.F. 490'
SALINE COUNTY				
Shakespeare Oil Co., Inc.	* Northwest Eldorado Unit-C. Crawford #2	380'S 330'W NEc SW NW Sec. 8 8S 7E	Hardinsburg 2352'-2379' Aux Vases 2928'-2950'	G.L. 409'
Shakespeare Oil Co., Inc.	* Northwest Eldorado Unit-T. Reeder #1	330'S 330'W NEc SW Sec. 8 8S 7E	Tar Springs 2212'-2218' Aux Vases 2907'-2913'	D.F. 385'
Shakespeare Oil Co., Inc.	* Northwest Eldorado Unit-P. Turner #1	330'S 330'W NEc NW SW Sec. 8 8S 7E	Hardinsburg 2348'-2354' 2367'-2374'	D.F. 420'
Har-Ken Oil Co.	* Peabody Unit #1	380'S 330'W NEc NW SW Sec. 15 8S 7E	Waltersburg 2130'-2154'	G.L. 411'
Har-Ken Oil Co.	* Plumlee Comm. #3	300'N 285'E SWc NW SW Sec. 15 8S 7E	Waltersburg 2136'-2147'	G.L. 402'
Har-Ken Oil Co.	* Tison Heirs #2	330'N 330'E SWc NW Sec. 15 8S 7E	Waltersburg 2120'-2153'	G.L. 411'
Har-Ken Oil Co.	* Clark #1	324'N 448'E SWc SE NE Sec. 20 8S 7E	Waltersburg 2118'-2140'	K.B. 418'
WABASH COUNTY				
Francis L. Beard	* Etta King #2	1410'N 330'E SWc Sec. 21 1N 12W	O'Hara 2298'-2306'	G.L. 413'
Dee Drilling Co.	* Carlyle #2	330'S 330'W NEc SW NW Sec. 13 1N 14W	O'Hara 2839'-2844'	G.L. 421'
Dee Drilling Co.	* Seibert-Liddle #1	330'N 330'W SEc NW SE Sec. 14 1N 14W	O'Hara 2836'-2852'	G.L. 397'
Sam G. Walker d/b/a Walker Drilling Co.	* H. F. Gard #1-A	330'S 330'W NEc NW Sec. 26 1N 14W	O'Hara 2864'-2876'	G.L. 393'
Sam G. Walker d/b/a Walker Drilling Co.	* C. R. Seals #1	330'N 330'E SWc NW SW Sec. 26 1N 14W	O'Hara 2880'-2894'	G.L. 392'
Southern Triangle Oil Co.	* Carson #W-1	1980'N 2330'E SWc Sec. 16 1S 12W	Cypress 1977'-1989'	G.L. 392'
Southern Triangle Oil Co.	* Carson #W-1A	151'N 330'E SWc Sec. 16 1S 12W	Cypress 1992'-2015'	G.L. 405'
Southern Triangle Oil Co.	Carson #W-7	2340'N 4064'E SWc Sec. 16 1S 12W	Cypress 1970'-1980'	G.L. 395'
Southern Triangle Oil Co.	Seibert #W-1	1040'N 1195'E SWc Sec. 16 1S 12W	Biehl 1465'-1495'	G.L. 397'
Southern Triangle Oil Co.	Seibert #W-3	1664'N 1000'E SWc Sec. 16 1S 12W	Biehl 1450'-1490'	G.L. 400'
Southern Triangle Oil Co.	* Cotner #W-6	535'S 1730'E NWc Sec. 21 1S 12W	Cypress 1986'-2005'	G.L. 394'
Southern Triangle Oil Co.	Guisewite #W-1	753'S 1931'E NWc Sec. 21 1S 12W	Biehl 1445'-1485'	G.L. 401'
Southern Triangle Oil Co.	* Guisewite #W-2	1120'S 2270'E NWc Sec. 21 1S 12W	Cypress 1969'-1983'	G.L. 393'

Southern Triangle Oil Co.	* Guisewite #W-4	520'S 3420'E NWc Sec. 21 1S 12W	Cypress 1975'-1982'	G.L. 392'
Carl J. Neer	* Irvin Seiler #3	330'N 330'E SWc SE SE Sec. 27 1S 13W	Waltersburg 1930'-1949'	G.L. 405'
Getty Oil Co.	* E. Cowling Tract 11 Well #3	330'S 990'W Center Sec. 17 2S 13W	Middle Cypress 2456'-2464'	G.L. 405'
Getty Oil Co.	* E. Cowling Tract 11 Well #5	330'N 330'E SWc SE NE SW Sec. 17 2S 13W	Biehl "B" 1723'-1726' Upper Cypress 2417'-2430' Middle Cypress 2462'-2470' Bethel 2537'-40' & 2563'-75'	G.L. 399'
Getty Oil Co.	* C. M. Batson Tract #9 Well #6	330'N 330'W SEc Sec. 17 2S 13W	Biehl "B" 1781'-1786' Lower Bethel 2555'-2575'	G.L. 400.5'
Getty Oil Co.	* South Keensburg Unit-Z. Spencer Tract 15 Well #2	330'N 330'W SEc SW Sec. 17 2S 13W	Upper Cypress 2418'-2428' Middle Cypress 2475'-2483' Bethel 2550'-2600'	G.L. 408'
Getty Oil Co.	* S. Dague Tract 17 Well #2	330'N 330'W SEc NW NE Sec. 20 2S 13W	Beihl "B" 1758'-1761' Clore 1784'-1789' Upper Cypress 2414'-2426' Bethel 2562'-2577'	G.L. 408'
Getty Oil Co.	* T. T. Taylor Tract 22 Well #2	330'S 330'E NWc NE NE Sec. 20 2S 13W	Biehl "B" 1759'-1762' Clore 1783'-1790' Upper Cypress 2414'-2420' Bethel 2555'-2570'	G.L. 402.5'
Getty Oil Co.	* T. T. Taylor Tract 22 Well #5	210'S 330'E NWc SE NE Sec. 20 2S 13W	Upper Cypress 2461'-2467' & 2474'-2480' Bethel 2610'-2622'	G.L. 455.5'
RK Petroleum Corp.	* Richardson Unit #W-2	5'N 330'E SWc NW Sec. 36 2S 14W	Cypress 2557'-2566'	G.L. 383'
William E. Brubeck	* Epler #3	330'S 330'E NWc Frac. Sec. 5 3S 13W	Renault 2742'-2753' Rosiclare 2858'-2862'	G.L. 382'
William E. Brubeck	* Epler #4	330'S 212'W NEc NW Frac. Sec. 6 3S 13W	Cypress 2470'-2480' Bethel 2635'-2646'	G.L. 383'
National Associated Petroleum Co.	* Arthur Akin #4 WI	330'S 449'E NWc NE Sec. 7 3S 13W	Cypress 2482'-2494' McClosky 2830'-2835'	G.L. 383'
National Associated Petroleum Co.	* Arthur Akin W.I. #7	330'S 330'W NEc Sec. 7 3S 13W	Upper Aux Vases 2726'-2745' Lower Aux Vases 2771'-2780'	G.L. 378'
National Associated Petroleum Co.	* Arthur Akin #9	796'S 570'W NEc NW Sec. 7 3S 13W	Cypress 2480'-2496' Benoist 2644'-2664'	G.L. 382'
Alva C. Davis Petroleum, Inc.	* Edith Helm #1	330'S 330'E NWc SW SE Sec. 10 3S 14W	Benoist 2712'-2740'	D.F. 375'
Alva C. Davis Petroleum, Inc.	* V. B. Reid #3-B	330'S 330'E NWc NE NE Sec. 10 3S 14W	Benoist 2699'-2712'	G.L. 375'
Alva C. Davis Petroleum, Inc.	* Seigert-Bird "A" #2	330'S 330'E NWc NE SE Sec. 10 3S 14W	Benoist 2697'-2712'	G.L. 373'
WASHINGTON COUNTY				
N. A. Baldridge	* Neabuhr-Hails Comm. #1	130'S 1962'E NWc SW Sec. 2 2S 1W	Cypress 1480'-1520'	G.L. 525'
N. A. Baldridge	Cecil Triegloff #1 WI	1045'N 1040'E SWc Sec. 2 2S 1W	Cypress 1480'-1520'	G.L. 538'
N. A. Baldridge	* Niederhoefer #1	444'S 170'E NWc Sec. 11 2S 1W	Cypress 1480'-1510'	G.L. 523'
E. A. Obering d/b/a Warrior Oil Co.	* Mary Ahlf #2 (W-1)	330'N 330'W SEc NE NE Sec. 9 2S 2W	Devonian 3022'-3031'	G.L. 517'
E. A. Obering d/b/a Warrior Oil Co.	* J. Huegely #3 (W-2)	330'N 660'W SEc NW NW Sec. 10 2S 2W	Devonian 3026'-3032'	G.L. 518'
E. A. Obering d/b/a Warrior Oil Co.	* Stricker-Meinert #1 (W-4)	330'N 330'W SEc NW Sec. 10 2S 2W	Devonian 3060'-3070'	G.L. 543'
E. A. Obering d/b/a Warrior Oil Co.	* Stricker-Meinert #3 (W-3)	330'S 330'E NWc SE NW Sec. 10 2S 2W	Devonian 3050'-3060'	G.L. 534'
E. M. Self	* Anna Rudolph #2	330'N 330'W SEc SW Sec. 17 3S 1W	Cypress 1240'-1248'	G.L. 540'

WATER INPUT—Concluded
(Permits Issued in 1970)

Operator	Well (* =Converted Well)	Location	Formation	Elev.
WAYNE COUNTY				
National Associated Petroleum Co.	* Merton Raymond Vaughn W.I. #2	430′N 330′E SWc NE Sec. 5 1N 6E	Rosiclare 3156′-3185′	G.L. 490′
Texaco, Inc.	* W. Leathers #9 (Tract 26)	330′S 678′E NWc SE Sec. 28 1N 6E	Aux Vases 3032′-3045′	G.L. 499′
Union Oil Company of California	* Central Jordan School Cons: J. S. Elliott-B #1	330′N 330′E SWc SE Sec. 1 1N 7E	Aux Vases 2894′-2951′	D.F. 402′
Union Oil Company of California	* Zif Cons.-John Hubble #11	330′S 330′E NWc Lot #1 NW-Frac. Sec. 4 1N 8E	Aux Vases 2909′-2978′	G.L. 444′
Southern Illinois Oil Producers, Inc.	* J. W. Shelton #2	330′N 330′W SEc Sec. 22 1N 8E	Aux Vases 2945′-2955′ McClosky 3040′-3046′	G.L. 395′
Alva C. Davis	* G. F. Fishel "B" #1	330′N 330′W SEc SW SE SW Sec. 26 1N 8E	Aux Vases 2999′-3023′	D.F. 401′
Alva C. Davis	* Walker Cons. #1	330′S 330′W NEc SW Sec. 26 1N 8E	Aux Vases 2981′-2995′	D.F. 414′
Carmax Industries, Inc.	* H. G. French #1	330′N 330′E SWc NW Sec. 23 1N 9E	Aux Vases 3165′-3184′	G.L. 399′
Bangert & Gordon	* Gill #1	330′N 330′W SEc NE NW Sec. 24 2N 7E	Aux Vases 2900′-2910′	G.L. 427′
Union Oil Company of California	South Woodside School Cons: Myrtle Zimmerman #3	250′N 200′W SEc NE SE NE Sec. 25 2N 7E	Aux Vases 2895′-2930′ McClosky 2960′-3100′	G.L. 434′
Union Oil Company of California	* South Woodside School Cons: Mary Hall #1	270′N 330′W SEc SW Frac. Sec. 19 2N 8E	Aux Vases 2900′-2935′ McClosky 2975′-3065′	G.L. 443′
Union Oil Company of California	Woodside School Cons: Marie Hornbuckle #3	100′N 550′W SEc NW SE Sec. 19 2N 8E	Cypress 2659′-2674′ Aux Vases 2912′-2943′ McClosky 3010′-3100′	G.L. 443′
Union Oil Company of California	Woodside School Cons: Pearl Staley #2	330′N 185′W SEc NE SE Sec. 19 2N 8E	Cypress 2622′-2640′ Aux Vases 2884′-2920′ McClosky 2990′-3080′	G.L. 437′
Union Oil Company of California	* Southeast Woodside School Cons.-L. E. Hosselton-C #2	330′N 330′W SEc SW Sec. 20 2N 8E	McClosky 2996′-3036′	D.F. 444′
Tamarack Petroleum Co., Inc.	* Freeman #3	330′N 330′W SEc NE SE Sec. 23 2N 8E	Aux Vases 2958′-2968′	D.F. 449′
Tamarack Petroleum Co., Inc.	* M. Wilson #1	330′S 330′W NEc SW SE Sec. 23 2N 8E	Aux Vases 2952′-2973′	D.F. 433′
Tamarack Petroleum Co., Inc.	* B. M. Wilson #2	330′S 330′W NEc NW NE Sec. 26 2N 8E	Aux Vases 2953′-2978′	D.F. 437′
Tamarack Petroleum Co., Inc.	* B. M. Wilson #3	330′N 330′E SWc NW NE Sec. 26 2N 8E	Aux Vases 2962′-2982′	D.F. 443′
Union Oil Company of California	* South Woodside School Cons.-Nannie Rogers #5	330′S 330′W NEc SE Frac. NW Sec. 30 2N 8E	Aux Vases 2904′-2958′ McClosky 2978′-3060′	D.F. 440′
Union Oil Company of California	* South Woodside School Cons.-Nannie Rogers #6	330′S 330′W NEc SW NE Sec. 30 2N 8E	Aux Vases 2913′-2970′ McClosky 3030′-3090′	D.F. 439′
M. C. Milam	* Croughan #1	330′S 1650′E NWc SW Sec. 35 2N 8E	McClosky 3130′-3146′	G.L. 449.7′
Texaco, Inc.	* A. L. Harlan #3 (Tract 3)	657′N 330′E SWc NW SE Sec. 22 1S 6E	Aux Vases 3075′-3090′ McClosky 3198′-3209′	G.L. 452′
Duncan Leases & Royalties	* Fannie Jones #2	330′S 330′W NEc NW NW Sec. 9 1S 7E	Aux Vases 3106′-3146′	G.L. 469′

Tamarack Petroleum Co., Inc.	* Grubb #5	330′N 990′E SWc NW SE Sec. 4 1S 8E	Aux Vases 3070′-3080′	
Tamarack Petroleum Co., Inc.	* Harold Farmer #2	670′N 330′W SEc SW Sec. 10 1S 8E	Aux Vases 3071′-3082′	G.L. 430′
Tamarack Petroleum Co., Inc.	* Farmer #3	330′N 330′E SWc SE Sec. 10 1S 8E	Aux Vases 3064′-3085′	G.L. 430′
Tamarack Petroleum Co., Inc.	* W. O. Weedon #1	330′N 330′W SEc SW SW Sec. 23 1S 8E	Aux Vases 3108′-3139′	G.L. 472′
Texaco, Inc.	* I. Cravens #1 (Tract 6)	330′N 990′E SWc NW Sec. 33 2S 7E	Aux Vases 3190′-3214′	G.L. 381′
Texaco, Inc.	* Cuthbertson #2 (Tract 8)	330′N 330′E SWc SE NE Sec. 33 2S 7E	Aux Vases 3194′-3218′	G.L. 378′
Texaco, Inc.	* J. Gernon #1 (Tract 5)	330′N 330′W SEc NW NW Sec. 33 2S 7E	Aux Vases 3196′-3218′	G.L. 384′
WHITE COUNTY				
R. A. Harris	* Seifried #3-B	330′S 330′W NEc SW Sec. 30 3S 11E	Biehl 1838′-1848′ Benoist 2816′-2829′	G.L. 399′
Dee Drilling Co.	* Lamar-Williams #4	330′N 330′W SEc SW SW Sec. 20 4S 10E	O'Hara 3170′-3178′	G.L. 381′
Eason Oil Co.	John Clark #WI-16	660′S 2250′E NWc Sec. 30 4S 11E	Penn. 1345′-1365′ Degonia 1960′-1980′	G.L. 434′
Eason Oil Co.	John Clark #WI-17	15′S 2250′E NWc Sec. 30 4S 11E	Penn. 1345′-1365′	G.L. 439′
Eason Oil Co.	John Clark #WI-18	15′S 1350′E NWc Sec. 30 4S 11E	Penn. 1345′-1365′	G.L. 431′
Eason Oil Co.	John Clark #WI-19	1300′S 2250′E NWc Sec. 30 4S 11E	Penn. 1345′-1365′ Degonia 1960′-1980′	G.L. 433′
W. C. McBride, Inc.	* Ethel Potter #1	330′N 990′W SEc N ½ SW Frac. Sec. 6 4S 14W	Waltersburg 2287′-2295′	G.L. 449′
National Associated Petroleum	* Becker-Nash Comm. W.I. #4	430′N 330′W SEc NE SW Sec. 12 5S 9E	Aux Vases 3076′-3100′	G.L. 358′
Tamarack Petroleum Co., Inc.	* Hanna "A" #8	660′N 330′E SWc NE Sec. 29 5S 10E	Biehl 1837′-1842′	G.L. 392′
The Superior Oil Co.	* E. S. Greathouse #15	350′S 330′E NWc NE SE Sec. 4 5S 14W	Jamestown 716′-734′	D.F. 369′
The Superior Oil Co.	* E. S. Greathouse #16	360′N 330′W SEc NE SE Sec. 4 5S 14W	Jamestown 721′-734′	D.F. 365′
Union Oil Company of California	* Walnut Grove Unit: Herbert Auston #2	330′N 330′E SWc NW SW Sec. 17 6S 9E	Cypress 2620′-2642′ Paint Creek 2791′-2811′	G.L. 373′
Union Oil Company of California	* Walnut Grove Unit-J. M. Neel #4	330′S 330′E NWc NE NE Sec. 18 6S 9E	Paint Creek 2760′-2873′	G.L. 380′
Tartan Oil Co.	* C. C. Morris #1	330′N 330′E SWc NE SW Sec. 35 6S 9E	Penn. 1478′-1488′	G.L. 449′
Rhea Fletcher	* Karch "A" #3-B	330′S 330′W NEc NE SW SE Sec. 13 6S 10E	Bridgeport 1364′-1385′	G.L. 374′
Rhea Fletcher	* Flora Karch #1	300′N 300′E SWc NW NE Sec. 24 6S 10E	Aux Vases 2841′-2859′	G.L. 373′
Marion Corp.	* Roland Pool Unit Area II Tract 7, Well #3	330′S 330′W NEc NW SW Sec. 1 7S 8E	Waltersburg 2220′-2239′	G.L. 480′
Marion Corp.	* Roland Pool Unit Area II-Tract 22 #2	330′N 330′E SWc SE SE Sec. 11 7S 8E	Waltersburg 2184′ Upper Bethel 2751′-2754′	G.L. 415′
Marion Corp.	Roland Pool Unit Area II-Tract 11 Well #10	1650′S 980′W NEc Sec. 11 7S 8E	Waltersburg 2153′-2165′ Bethel 2719′-2850′	G.L. 428.58′
Humble Oil & Refining Co.	* Roland Unit-Area I #34-W	330′N 330′E SWc NE NW Sec. 11 7S 8E	Aux Vases 2876′-2909′	G.L. 406′
F. J. Fleming Drilling Co.	B. Downen #3	330′N 330′W SEc NW NE Sec. 12 7S 8E	Upper Cypress 2603′-2614′ Benoist 2772′-2785′	G.L. 448′
F. J. Fleming Drilling Co.	B. Downen #4	330′S 330′W NEc NW NE Sec. 12 7S 8E	Benoist 2753′-2765′	G.L. 424′
F. J. Fleming Drilling Co.	* F. Doerner #6	330′S 330′W NEc NW NE Sec. 13 7S 8E	Upper Cypress 2612′-2624′ Benoist 2788′-2804′	G.L. 468′
Paul S. Knight	* W. L. Knight #W-2	330′S 330′E NWc Sec. 14 7S 9E	Tar Springs 2248′-2272′	G.L. 409′
Alva C. Davis Petroleum, Inc.	* Ivan McCallister #7	995′S 525′W NEc SW Sec. 7 7S 11E	Upper Tar Springs 2150′-2170′ Lower Tar Springs 2195′-2202′ Cypress 2475′-2490′	G.L. 353′

WELLS PLUGGED IN 1970

Operator	Well	Location	Total depth	Date plugged	Elev.
ADAMS COUNTY					
Earnest Wright	Kirchher #3	990′N 990′E SWc NE Sec. 36 1S 5W	681′	12-7-70	
Earnest Wright	Kirchher #4	330′S 330′E NWc SW NE Sec. 36 1S 5W	693′	12-8-70	
Claude McElvain	Jesse Roberts #3	990′N 330′E SWc SE Sec. 36 1S 5W	666′	3-4-70	
Earnest & Otis Wright	Wright #1	330′N 330′W SEc NW NE Sec. 2 2S 5W	662′	9-15-70	G.L. 710′
Claude McElvain	Cecil Noftz #1	990′S 330′W NEc Sec. 2 2S 5W	625′	4-3-70	
BOND COUNTY					
Clyde Bassett	Wall #3	330′N 1650′W SEc NE SW Sec. 15 5N 4W	652′	7-16-70	G.L. 560′
Edward & Beula Morris	Belle Brown #2	330′N 330′W SEc NW SE Sec. 21 5N 4W	642′	10-31-70	G.L. 548′
Herman Wilkening	File #1	250′N 330′E SWc NW SE SW Sec. 22 5N 4W	606′	4-14-70	G.L. 547′
Arnold Wilson	Zobrist-Cordes #1	330′S 330′W NEc NE SW SW Sec. 22 5N 4W	612′	3-30-70	G.L. 552′
M. A. Eisenstein	Leroy Melm Etal #1-A	330′N 330′E SWc Sec. 24 6N 5W	142′	8-13-70	G.L. 603′
Harl E. DePoister d/b/a DePoister Drilling Co.	Oscar Melm #1-A	330′S 330′E NWc NE NW Sec. 25 6N 5W	1960′	8-26-70	G.L. 598.8′
BROWN COUNTY					
Earnest Wright	Brown #2	430′S 1050′W NEc SW Sec. 5 2S 4W	654′	12-9-70	
E. O. & Sybel Ingram	Ingram #2	660′N 330′W SEc NW Sec. 5 2S 4W	230′	9-1-70	
Earnest Wright	Robison #3-W	330′S 380′W NEc NW SW Sec. 8 2S 4W	580′	3-12/70	G.L. 595′
CHRISTIAN COUNTY					
John P. Potsch	Warren "A" #1	1612′N 330′E SWc SW SW NE Sec. 1 11N 1E	1625′	9-25-70	G.L. 673′
National Associated Petroleum Co.	Jack B. Kendle #1	330′N 330′W SEc SW SW Sec. 24 12N 2W	2410′	12-1-70	G.L. 620.5′
Continental Oil Co.	John H. Lawrence #66	280′N 330′W SEc NW SW Sec. 3 13N 1E	2317′	10-8-70	D.F. 619′
Continental Oil Co.	Haldon Bilyeu North #1	330′N 330′W SEc Sec. 4 13N 1E	2316′	10-12-70	D.F. 621′
Continental Oil Co.	Haldon Bilyeu North #5	380′N 330′W SEc Sec. 4 13N 1E	1066′	10-9-70	D.F. 618.5′
Continental Oil Co.	Haldon Bilyeu "North" #2	330′N 330′E SWc NE NE Sec. 9 13N 1E	1075′	10-26-70	G.L. 620′
Continental Oil Co.	Haldon Bilyeu North #3	330′S 330′W NEc NW NE NE Sec. 9 13N 1E	2312′	10-29-70	D.F. 620′
Continental Oil Co.	H. Bilyeu "North" #7	1025′S 955′W NEc Sec. 9 13N 1E	2323′	10-23-70	G.L. 620′
Continental Oil Co.	John H. Lawrence #1	330′N 330′W SEc NE SE Sec. 9 13N 1E	2317′	10-12-70	D.F. 618′
Continental Oil Co.	John H. Lawrence #48	230′N 330′W SEc NE Sec. 9 13N 1E	2315′	10-21-70	D.F. 619′
Continental Oil Co.	Haldon Bilyeu South Well #8	2310′N 1650′E SWc Sec. 10 13N 1E	2311′	10-16-70	D.F. 615′
Continental Oil Co.	Haldon Bilyeu South #12	380′S 330′E NWc SW Sec. 10 13N 1E	1070′	10-17-70	D.F. 620′
Continental Oil Co.	John Lawrence Well #8	330′S 330′E NWc Sec. 10 13N 1E	2317′	10-20-70	D.F. 619′
H. F. Robison	Jacobs #1	330′N 990′W SEc NE Sec. 14 13N 1E	2474′	2-12-70	G.L. 619.2′
Clarence E. Sewell	Price #1	330′S 330′W NEc SE Sec. 30 13N 1E	2376′	8-5-70	G.L. 617.9′
Aladdin Oil Development Co.	Smith #1	243′N 330′W SEc NE NW Sec. 26 13N 3W	2034′	11-23-70	G.L. 608.5′
Aladdin Oil Development Co.	Boblitt #1	950′N 200′W SEc SW NW Sec. 29 13N 3W	1970′	12-1-70	G.L. 608.7′
Joseph W. Miloncus d/b/a M & N Oil Co.	Blackstock #1-D	330′S 330′W NEc Sec. 32 13N 3W	1941′	1-24-70	G.L. 608.5′
Aladdin Oil Development Co.	Blackstock #1	330′N 330′E SWc NW NE Sec. 33 13N 3W	1992′	3-17-70	G.L. 611.5′
Schaefer Oil Co.	Padgett #1	330′S 330′W NEc NW NE Sec. 7 14N 2W	1906′	4-4-70	
Schaefer Oil Co.	Padgett #2	330′S 330′E NWc SW NE Sec. 7 14N 2W	1914′	8-28-70	G.L. 594.6′

Lewis Foster	Stout #1	330'S 330'W NEc SW Sec. 7 14N 2W	1916'	5-28-70	G.L. 592.9
M M & S Oil	Hunsley #1	330'S 330'W NEc Sec. 8 14N 3W	1782'	12-31-70	G.L. 589.2'
M M & S Oil	Hunsley #3	330'S 330'E NWc NE NE Sec. 8 14N 3W	1814'	12-31-70	G.L. 589.5'
M M & S Oil	Hunsley #2	280'N 330'W SEc NE NE Sec. 9 14N 3W	1796'	4-8-70	G.L. 589.4'
Lewis Foster	Jones #1	330'S 355'W NEc SE Sec. 19 14N 3W	1749'	8-31-70	
Lewis Foster	Salverson #1	330'S 485'E NWc NE SW Sec. 20 14N 3W	1780'	9-1-70	
Dwight Beckham	Dwight Beckham #1	330'N 500'W SEc NE NE Sec. 28 14N 3W	1738'	6-19-70	G.L. 570'
Aladdin Oil Development Co.	Linton #1	1000'N 165'W SEc SW Sec. 28 14N 3W	1805'	4-11-70	G.L. 588.5'
Dwight Beckham	Traux #1	330'S 330'E NWc NE Sec. 28 14N 3W	1747'	7-9-70	G.L. 557'
Bernard Podolsky	Pearl Drydale #1	330'N 330'W SEc SW SE Sec. 2 15N 1W	1927'	9-2-70	G.L. 607'
James Jordan	Lochbaum Milligan Estate Comm. #1	330'S 330'E NWc SW Sec. 5 15N 1W	1886'	2-5-70	G.L. 598.6'
Joseph W. Miloncus d/b/a M & N Oil Co.	Mary Ella Alvey #1	330'N 330'W SEc SW NE Sec. 8 15N 1W	1875'	9-3-70	G.L. 605'
Schaefer Oil Co.	Earl Long #1	330'S 330'E NWc SW NW Sec. 9 15N 1W	1887'	3-23-70	
Schaefer Oil Co.	Earl Long #1-B	330'S 330'W NEc SW NW Sec. 9 15N 1W	1872'	12-28-70	G.L. 599'
Joseph W. Miloncus d/b/a M & N Oil Co.	Watts #2	330'S 330'W NEc SW NE SE Sec. 9 15N 1W	1899'	6-4-70	
Lewis Foster	Cushing #1-B	330'S 330'E NWc SW SW Sec. 11 15N 1W	1935'	5-23-70	
Lewis Foster	Audra Moore #F-2	330'S 330'E NWc NE SW Sec. 16 15N 1W	1920'	5-25-70	
I. R. Bennett	Shepherd Cons. #1	330'N 330'W SEc SW SE Sec. 19 15N 1W	1921'	5-26-70	G.L. 605.57'
Schaefer Oil Co.	V. M. Long #5	330'N 330'W SEc NE Sec. 20 15N 1W	1932'	3-25-70	G.L. 603'
Comanche Oil Corp.	Bruchell #1	330'N 330'E SWc NE NE Sec. 22 15N 1W	1948'	1-6-70	G.L. 608.6'
Lewis Foster	Burchell #2	660'N 330'E SWc SE NE Sec. 22 15N 1W	1931'	3-24-70	
Lewis Foster	Stahl #1	990'N 420'E SWc Sec. 29 15N 1W	1917'	5-27-70	
Lewis Foster	Davidson Comm. #1	330'S 330'W NEc SE SE Sec. 30 15N 1W	1926'	5-26-70	
Lewis Foster	Davidson #4	330'S 330'W NEc SE Sec. 30 15N 1W	1921'	5-27-70	
Helm Petroleum Co.	Bailey #1	330'S 330'E NWc SW SW Sec. 13 15N 2W	1911'	10-16-70	
Schaefer Oil Co.	Archer #1	330'N 330'E SWc NW Sec. 19 15N 2W	1875'	5-25-70	G.L. 591.7'
J. D. Kuykendall	Lowe #1	330'S 330'E NWc NE NE Sec. 22 15N 2W	1890'	3-31-70	G.L. 601.5'
J. D. Kuykendall	Lowe #2	330'S 330'W NEc Sec. 22 15N 2W	1884'	4-1-70	G.L. 599'
Homeier Oil Associates	Scholes B & O #1	330'S 330'W NEc NW NE Sec. 22 15N 2W	1886'	3-30-70	G.L. 602.8'
Joseph W. Miloncus d/b/a M & N Oil Co.	Charles A. Scholes #1	330'S 330'E NWc NE Sec. 23 15N 2W	1925'	6-3-70	
Joseph W. Miloncus d/b/a M & N Oil Co.	Frank Long Heirs #5	330'S 330'W NEc NW SE Sec. 24 15N 2W	1900'	9-5-70	
James Jordan	Morgret #5	330'N 330'E SWc NE NW Sec. 35 15N 2W	1949'	4-2-70	G.L. 601'
Comanche Oil Corp.	Buzzard #2	330'N 330'E SWc NW SE Sec. 13 15N 3W	1855'	11-18-70	G.L. 612.5'
James Jordan	Patrick #1	330'S 330'E NWc SE SW Sec. 13 15N 3W	1883'	12-21-70	G.L. 604.5'
Comanche Oil Corp.	Patrick #1	330'N 330'W SEc SW Sec. 13 15N 3W	1854'	8-14-70	G.L. 599.5'
I. R. Bennett	Swope #3	330'N 330'W SEc NE SE Sec. 13 15N 3W	1805'	12-29-70	G.L. 543.1'
Gene Tyhurst d/b/a Piton Oil Co.	Homer Hargis #1-A	330'S 330'W NEc NE SW NW Sec. 15 15N 3W	1800'	7-31-70	G.L. 562'
I. R. Bennett	Frank #1	330'S 330'W NEc NW SE Sec. 23 15N 3W	1792'	4-5-70	G.L. 552.3'
James Jordan	Lee Roy Laymon #1	330'S 330'W NEc SE Sec. 23 15N 3W	1862'	4-12-70	G.L. 588.3'
James Jordan	Laymon-McDermith Comm. #1	330'S 330'E NWc SE SW Sec. 24 15N 3W	1902'	5-12-70	G.L. 587.5'
Comanche Oil Corp.	Swope #1	330'S 330'E NWc NE Sec. 24 15N 3W	1860'	3-13-70	G.L. 586.5'
Safari Oil Co. & Associates	Swope Comm. #1	330'N 330'W SEc NE NE Sec. 24 15N 3W	1847'	8-29-70	G.L. 593.1'
Comanche Oil Corp.	Young #1	330'S 330'E NWc SW NW Sec. 24 15N 3W	1924'	3-24-70	G.L. 572.3'
Comanche Oil Corp.	Young Comm. #1-A	330'N 330'W SEc SE NW NW Sec. 24 15N 3W	1829'	5-22-70	G.L. 590.4'
John Norville	Norville #1	330'S 330'W NEc NW NE Sec. 25 15N 3W	1926'	5-6-70	G.L. 576'
Homeier Oil Associates	Norville #2	330'N 330'E SWc NE NE Sec. 25 15N 3W	1847'	9-4-70	G.L. 558'
W. Carl White	Frank-Brya #1	345'N 330'W SEc SW NE Sec. 30 16N 1W	1834'	12-28-70	G.L. 570.5'
CLARK COUNTY					
J. E. Taylor	Partlow #1	330'N 330'W SEc Sec. 27 9N 14W	1922'	4-12-70	G.L. 570'
Kenneth E. Bush	W. Piersall #2	330'S 430'E NWc SE SE Sec. 23 10N 14W	1442'	11-5-70	G.L. 597.5'

WELLS PLUGGED IN 1970—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
Kenneth E. Bush	E. A. Shawver #0-12	330'N 330'W SEc NE SE Sec. 23 10N 14W	1458'	11-11-70	G.L. 592'
Paul D. Mitchell	G. L. Kite #1	220'S NEc SW Sec. 26 10N 14W	463'	3-27-70	
Paul D. Mitchell	G. L. Kite #1	330'W SEc NW Sec. 26 10N 14W	470'	3-9-70	
Paul D. Mitchell	G. L. Kite #2	395'S NEc SW Sec. 26 10N 14W	456'	4-3-70	
Paul D. Mitchell	G. L. Kite #3	570'N 270'W SEc NE SW Sec. 26 10N 14W	465'	3-16-70	
Paul D. Mitchell	G. L. Kite #3	395'N SEc NE SW Sec. 26 10N 14W	462'	3-28-70	
Paul D. Mitchell	G. L. Kite #4	220'N 240'W SEc NE SW Sec. 26 10N 14W	469'	3-23-70	
Paul D. Mitchell	G. L. Kite #4	220'S 440'W NEc SW Sec. 26 10N 14W	472'	4-4-70	
Steger Products Mfg. Corp.	G. L. Kite #5	255'S 220'E NWc SE Sec. 26 10N 14W	462'	4-2-70	
Paul D. Mitchell	G. L. Kite #5	395'S 440'W NEc SW Sec. 26 10N 14W	474'	4-18-70	
Paul D. Mitchell	G. L. Kite #6	395'N 440'W SEc NE SW Sec. 26 10N 14W	474'	3-25-70	
J. W. Rudy Co.	Setzer Heirs #1	330'S 330'W NEc NW Sec. 6 11N 10W	2137'	12-23-70	G.L. 568'
E. L. Whitmer, Inc.	Clifford Pine #1	990'S 990'W NEc SE Sec. 35 11N 11W	2278'	2-4-70	G.L. 455.2'
Forest Oil Corp.	W. W. Drake #SO-49	660'S 660'W NEc SE NE Sec. 5 11N 14W	538'	6-27-70	
Forest Oil Corp.	Ray Green #MO-57	297'S 722'E NWc SW NE Sec. 5 11N 14W	338'	7-7-70	
Forest Oil Corp.	Green #L-58	747'S 415'E NWc SW NE Sec. 5 11N 14W	341'	6-26-70	
Forest Oil Corp.	Green #MO-58	690'S 602'E NWc SW NE Sec. 5 11N 14W	342'	6-27-70	
Forest Oil Corp.	Ray Green #NO-58	772.5'S 966'E NWc SW NE Sec. 5 11N 14W	342'	7-6-70	
Forest Oil Corp.	Green #LO-59	10'N 68'E SWc NE Sec. 5 11N 14W	346'	7-10-70	
Gerald Peterson	Glenn O. Pinnell #1	330'N 600'W SEc NW NW Sec. 5 11N 14W	2483'	11-5-70	G.L. 608'
Gerald Peterson	Pinnell #A-1	430'N 450'W SEc NW NW Sec. 5 11N 14W	309'	11-11-70	G.L. 608'
Gerald Peterson	Glenn O. Pinnell #2	330'S 660'W NEc NW NW Sec. 5 11N 14W	2480'	11-10-70	G.L. 670'
Forest Oil Crop.	Smith Heirs #K-58	449'S 319'W NEc SE SE NW Sec. 5 11N 14W	345'	6-26-70	
Forest Oil Corp.	Smith Heirs #KO-58	1041'S 766'W NEc SE NW Sec. 5 11N 14W	340'	7-7-70	
Forest Oil Corp.	Smith Heirs #J-59	768'S 985'W NEc SE SE NW Sec. 5 11N 14W	358'	6-26-70	
Forest Oil Corp.	Smith Heirs #JO-59	631'S 1329'W NEc SE SE NW Sec. 5 11N 14W	341'	7-9-70	
Forest Oil Corp.	Smith Heirs #KO-60	845'S 522'W NEc SE NW Sec. 5 11N 14W	362'	7-8-70	
Forest Oil Corp.	Smith Heirs #JO-61	1229'S 1329'W NEc SE SE NW Sec. 5 11N 14W	319'	7-8-70	
Virgil Streeter	Edward Gibson #1	330'S 330'W NEc SW SE Sec. 7 11N 14W	937'	7-15-70	
Forest Oil Corp.	Rauwolf #PO-60	134'S 1370'E NWc NE Sec. 8 11N 14W	533'	6-12-70	
Gerald Peterson	Herbert Biggs #1	330'S 330'E NWc SW NW SW Sec. 9 11N 14W	2430'	11-16-70	G.L. 647'
Gerald Peterson	Herbert Biggs #2	330'N 330'E SWc Sec. 9 11N 14W	2430'	11-16-70	G.L. 651'
Max Wezelman	Gerald Morill #22	330'N 330'E SWc Sec. 12 11N 14W	422'	6-4-70	G.L. 650'
Forest Oil Corp.	Virginia Booth Kylie Observation #1	330'N 25'W SWc SE NW Sec. 17 11N 14W	413'	6-12-70	
Forest Oil Corp.	Virginia Booth Kylie Observation #2	660'N 100'E SWc SE NW Sec. 17 11N 14W	539'	6-22-70	
Forest Oil Corp.	Virginia Booth Kylie Observation #3	590'N 70'W SEc SW NW Sec. 17 11N 14W	535'	6-16-70	
Forest Oil Corp.	Virginia Booth Kylie #4	695'N 35'W SEc SW NW Sec. 17 11N 14W	530'	6-27-70	
Forest Oil Corp.	Virginia Booth Kylie #5	57'N 578'W SWc SE NW Sec. 17 11N 14W	536'	6-19-70	
Forest Oil Corp.	Virginia Booth Kylie #6	319'N 1082'E SWc NW Sec. 17 11N 14W	400'	6-5-70	
Forest Oil Corp.	Virginia Booth Kylie #7	39'S 691'E NWc SW Sec. 17 11N 14W	337'	6-8-70	
Forest Oil Corp.	Virginia Booth Kylie #8	57'S 985'W NEc NW SW Sec. 17 11N 14W	389'	6-20-70	
Forest Oil Corp.	Virginia Booth Kylie #9	760'S 660'W NEc NW SW Sec. 17 11N 14W	323'	6-20-70	
Forest Oil Corp.	Virginia Booth Kylie #10	781'S 989'W NEc NW SW Sec. 17 11N 14W	323'	6-11-70	
Forest Oil Corp.	Virginia Booth Kylie #11	739'S 331'W NEc NW SW Sec. 17 11N 14W	318'	6-8-70	
Forest Oil Corp.	Virginia Booth Kylie #13	719'S 17'W NEc SW Sec. 17 11N 14W	320'	6-3-70	

Forest Oil Corp.	Virginia Booth Kylie #14	595'S 671'W NEc NW SW Sec. 17 11N 14W	322'	6-9-70	
Forest Oil Corp.	Virginia Booth Kylie #15	553'S 13'W NEc NW SW Sec. 17 11N 14W	318'	6-3-70	
Forest Oil Corp.	Virginia Booth Kylie #16	574'S 342'W NEc NW SW Sec. 17 11N 14W	320'	6-8-70	
Forest Oil Corp.	Virginia Booth Cylie #17	432'S 316'E NEc NW SW Sec. 17 11N 14W	326'	6-10-70	
Forest Oil Corp.	Virginia Booth Kylie #18	697'S 327'E NEc NW SW Sec. 17 11N 14W	324'	6-10-70	
Forest Oil Corp.	Virginia Booth Kylie #19	625'S 157'E NEc NW SW Sec. 17 11N 14W	318'	6-5-70	
Forest Oil Corp.	Virginia Booth Kylie #20	646'S 172'W NEc NW SW Sec. 17 11N 14W	316'	6-8-70	
Forest Oil Corp.	Virginia Booth Kylie #21	667'S 501'W NEc NW SW Sec. 17 11N 14W	320'	6-4-70	
Forest Oil Corp.	Virginia Booth Kylie #H-74	330'N 990'E SWc NW Sec. 17 11N 14W	419'	6-20-70	
Forest Oil Corp.	Virginia Booth Kylie #HO-74	660'N 660'W SEc SW NW Sec. 17 11N 14W	311'	6-24-70	
Forest Oil Corp.	Virginia Booth Kylie #JO-74	660'N SEc SW NW Sec. 17 11N 14W	309'	6-17-70	
Forest Oil Corp.	Virginia Booth Kylie #G-75	343'S 990'W NEc NW SW Sec. 17 11N 14W	388'	6-19-70	
Forest Oil Corp.	Virginia Booth Kylie #H-75	330'S 990'E NWc SW Sec. 17 11N 14W	417'	6-7-70	
Forest Oil Corp.	Virginia Booth Kylie #HO-75	660'W SWc SE NW Sec. 17 11N 14W	406'	6-17-70	
Forest Oil Corp.	Virginia Booth Kylie #J-75	240'S 330'E NWc NE SW Sec. 17 11N 14W	315'	6-5-70	
Forest Oil Corp.	Virginia Booth Kylie #JO-75	1320'E NWc SW Sec. 17 11N 14W	466'	6-27-70	
Forest Oil Corp.	Virginia Booth Kylie #K-75	210'S 343'W NEc SW Sec. 17 11N 14W	319'	6-5-70	
Forest Oil Corp.	Virginia Booth Kylie #KO-75	42'N 660'E SWc SE NW Sec. 17 11N 14W	313'	6-30-70	
Forest Oil Corp.	Virginia Booth Kylie #LO-75	81'N 60'W SEc NW Sec. 17 11N 14W	324'	7-1-70	
Forest Oil Corp.	Virginia Booth Kylie #KO-76	504'S 600'E NWc NE SW Sec. 17 11N 14W	315'	6-29-70	
Forest Oil Corp.	Virginia Booth Kylie #LO-76	465'S 60'W NEc SW Sec. 17 11N 14W	330'	6-30-70	
Forest Oil Corp.	Arthur Poorman #L-75	170'S 305'E NWc SE Sec. 17 11N 14W	334'	6-11-70	
Forest Oil Corp.	Arthur Poorman #M-75	129'S 990'E NWc SE Sec. 17 11N 14W	345'	6-11-70	
Forest Oil Corp.	Arthur Poorman #MO-75	124'N 660'E SWc SW NE Sec. 17 11N 14W	333'	7-3-70	
Forest Oil Corp.	Arthur Poorman #NO-75	166'N 1320'E SWc SW NE.Sec. 17 11N 14W	347'	7-1-70	
Forest Oil Corp.	Arthur Poorman #MO-76	422'S 660'E NWc NW SE Sec. 17 11N 14W	349'	7-3-70	
Forest Oil Corp.	Arthur Poorman #NO-76	380'S 1320'E NWc NW SE Sec. 17 11N 14W	352'	7-2-70	
Forest Oil Corp.	C. H. Markwell-Test #4	330'S 330'W NEc SW SE Sec. 19 11N 14W	435'	6-27-70	
D. W. Franchot & Co., Inc.	Otis Elliott #A-1	668'S 662.5'E NWc SW NW Sec. 33 11N 14W	461'	10-26-70	G.L. 661.5'
CLAY COUNTY					
National Associated Petroleum Co.	Jason L. Cook Etal #1	330'N 330'E SWc Sec. 17 2N 6E	3182'	10-31-70	G.L. 492'
Bangert Casing Pulling Corp.	Dolan Bayler #1	330'S 330'W NEc SW Sec. 2 2N 7E	3097'	5-13-70	G.L. 448'
Shulman Brothers	West Seminary Unit Well #7-1W	330'N 330'E SWc NE Sec. 5 2N 7E	3150'	1-18-70	G.L. 460'
Shulman Brothers	West Seminary Unit Well #13-1-OW	330'S 330'W NEc NW SE SW Sec. 5 2N 7E	3085'	1-13-70	G.L. 437'
Shulman Brothers	James Strange #1 (West Seminary Unit #10-1)	330'S 330'E NWc NE SW Sec. 5 2N 7E	3105'	1-6-70	G.L. 449'
Shulman Brothers	West Seminary Unit #1-1W	430'N 330'E SWc SE NE Sec. 6 2N 7E	3137'	1-26-70	G.L. 449'
McKinney & Funderburk	D. Lusk #1	990'N 330'E SWc Frac. NW Sec. 7 2N 7E	3160'	2-21-70	G.L. 462'
John M. Zanetis	L. Pearce #2	660'S 330'W NEc Sec. 8 2N 7E	3190'	1-7-70	G.L. 450'
Shulman Brothers	West Seminary Unit #15-1W	350'S 330'E NWc NE NW Sec. 8 2N 7E	3100'	1-28-70	G.L. 451'
Charles E. Booth	Lindsey #1	330'N 330'E SWc SE SE Sec. 11 2N 7E	3060'	8-30-70	G.L. 452'
Lee-Mar Oil Co., Inc.	B. E. Stanford #1	330'N 330'E SWc SE SW Sec. 12 2N 7E	3135'	11-12-70	G.L. 455'
Union Oil Company of California	Thomas School Unit: Land Bank #7	330'S 330'E NWc SW NE Sec. 8 2N 8E	2671'	9-14-70	D.F. 467'
Midwest Oil Producers	Fryburger #1	330'N 330'E SWc NE Sec. 14 2N 8E	3087'	8-10-70	G.L. 419'
Midwest Oil Producers	Fryburger #2	330'N 330'W SEc NW NE Sec. 14 2N 8E	3094'	1-20-70	G.L. 425'
James F. McCollum	W. G. Krutsinger #1	330'S 330'E NWc SE SW Sec. 2 3N 5E	2967'	9-23-70	G.L. 543'
James F. McCollum	Thomas #1	330'S 330'E NWc SE NW Sec. 11 3N 5E	3002'	8-24-70	G.L. 550'
Bangert Casing Pulling Corp.	Gill #1	330'S 330'E NWc SW SE Sec. 36 3N 5E	2915'	10-14-70	D.F. 518'
Bangert Casing Pulling Corp.	Gill and Woomer Comm. #1-C	330'S 330'W NEc SE SW Sec. 36 3N 5E	2906'	10-16-70	
Bangert Casing Pulling Corp.	Hollman #1 SWD	330'S 330'E NWc SE SW Sec. 36 3N 5E	2960'	11-27-70	G.L. 457'

WELLS PLUGGED IN 1970—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
Fred R. & Fred C. Meier	Tackett #1	330'S 330'W NEc SW SW Sec. 36 3N 5E	2950'	12-9-70	G.L. 525'
Fred R. & Fred C. Meier	C. A. Tackett #2	330'N 330'W SEc SE SW SW Sec. 36 3N 5E	2890'	12-11-70	G.L. 525'
Fred R. & Fred C. Meier	C. A. Tackett #3	330'S 330'E NWc SW SW Sec. 36 3N 5E	2950'	12-15-70	G.L. 527'
Mrs. C. R. Winn & Clarence E. Winn d/b/a C. R. Winn Drlg. Contr., Inc.	S. R. Golden #1	330'S 990'W NEc SE Sec. 11 3N 6E	3060'	9-28-70	G.L. 468'
Merle E. Mearns d/b/a Crest Oil Co., Inc.	M. Mearns #1	330'N 330'W SEc NE Sec. 17 3N 6E	2257'	5-10-70	G.L. 505'
W. C. McBride, Inc.	Berlin #2	330'N 330'W SEc NW Sec. 10 3N 7E	2942'	9-22-70	G.L. 429'
W. C. McBride, Inc.	Striegel #1	330'S 990'E NWc NE SE Sec. 10 3N 7E	2907'	9-24-70	G.L. 431'
W. C. McBride, Inc.	Tipton #1	330'S 330'E NWc SE Sec. 10 3N 7E	2951'	9-29-70	G.L. 429'
W. C. McBride, Inc.	George (Franklin) #1	330'N 310'E SWc SE SW SW Sec. 12 3N 7E	2985'	7-24-70	G.L. 427'
W. C. McBride, Inc.	Etfie (Franklin) #2	330'N 330'W SEc SW NW Sec. 13 3N 7E	2639'	7-22-70	G.L. 453'
W. C. McBride, Inc.	C. K. Bothwell #1	330'S 330'W NEc SE Sec. 14 3N 7E	2632'	7-16-70	G.L. 450'
W. C. McBride, Inc.	Bothwell #2	330'S 330'E NWc NE SE Sec. 14 3N 7E	2658'	9-16-70	D.F. 451'
W. C. McBride, Inc.	Josephine Stager #3	330'S 330'E NWc SE NE Sec. 14 3N 7E	3050'	7-17-70	G.L. 457'
O. H. & F. Inc.	Bemis #B-8	330'S 990'E NWc SE NE Sec. 8 3N 8E	3030'	6-16-70	G.L. 422.5'
Bangert Casing Pulling Corp.	Bemis #1	330'S 990'E NWc Sec. 14 3N 8E	3052'	1-14-70	G.L. 413'
Bangert Casing Pulling Corp.	Bemis #2	330'N 330'W SEc NE SE Sec. 15 3N 8E	3105'	1-21-70	G.L. 417'
Bangert Casing Pulling Corp.	McDowell Cons. #1	330'N 528'E SWc SE Sec. 17 3N 8E	3062'	5-7-70	G.L. 428'
Triple "B" Oil Producers, Inc.	Klingler #3	330'S 660'W NEc NW NE Sec. 21 3N 8E	3058'	7-20-70	G.L. 427'
John B. Murvin	Banker #1	330'N 330'W SEc NE Sec. 31 3N 8E	3133'	12-7-70	G.L. 476'
Union Oil Company of California	C. D. Duff A-#2	330'S 658'W NEc SE Sec. 32 3N 8E	3035'	10-15-70	D.F. 448'
Union Oil Company of California	C. D. Duff "A" #3	660'S 330'E NWc SE NE Sec. 32 3N 8E	3025'	9-30-70	D.F. 437'
McKinney & Funderburk	Spencer-Cochran Comm. #1	330'N 330'W SEc NE NE Sec. 26 4N 5E	2804'	12-29-70	G.L. 529'
Texaco, Inc.	S. Ruckman #1	330'S 330'E NWc SW NW Sec. 35 4N 5E	2763'	9-11-70	D.F. 523'
Lowell Hagen	D. Sutton #1	330'S 660'E NWc SE Sec. 36 4N 5E	2849'	5-16-70	G.L. 521'
Calvert Eastern Drilling Co.	Earnest Woods #3	990'S 330'E NWc NW NE Sec. 4 4N 6E	2853'	5-25-70	D.F. 484'
Francis M. Pierce	Hostettler #2	330'S 330'W NEc NW SW Sec. 1 4N 7E	2994'	11-23-70	G.L. 479'
McCollum & Kincaid	Otto Kidwell #A-2	330'S 330'W NEc SW SW Sec. 10 4N 7E	2628'	8-3-70	
McCollum & Kincaid	W-5 (Clyde Montoney #2)	331'N 331'W SEc NW SE Sec. 10 4N 7E	2616'	9-9-70	G.L. 473'
Harland Kincaid	Sailor Springs Unit Well #W-2	330'N 330'W SEc NE Sec. 15 4N &E	2592'	9-4-70	
C. D. Reed	Gertrude McCollum W.S.W. #1	200'S 300'E NWc NE Sec. 16 4N 7E	300'	2-15-70	
Bangert Casing Pulling Corp.	Lowell Hagen #1	330'N 330'E SWc NE NE Sec. 27 4N 7E	3000'	6-25-70	G.L. 458'
Bangert Casing Pulling Corp.	Hagen #4	330'S 330'E NWc NE NE Sec. 27 4N 7E	3010'	6-25-70	G.L. 460'
M. V. Ring	Straley-Maglone #1	330'N 330'W SEc SW SE Sec. 3 4N 8E	3090'	5-27-70	G.L. 467'
McKinney & Funderburk	R. Stanley #1	330'N 1980'W SEc SW Sec. 5 4N 8E	2978'	5-26-70	G.L. 448.9'
David F. Herley	Everett Reed #1	330'N 330'W SEc SW SW Sec. 4 5N 5E	2602'	5-7-70	G.L. 552'
Texaco, Inc.	Morrison-Cruise Comm. #1	330'S 330'W NEc NE NE Sec. 10 5N 5E	2429'	12-22-70	G.L. 524'
Texaco, Inc.	J. Rose NCT-1 #2	330'S 330'W NEc SE NE Sec. 10 5N 5E	2433'	11-17-70	G.L. 531'
Tom Kiernan	Fahrnkopf #1	330'S 330'W NEc SE Sec. 14 5N 5E	2463'	5-28-70	G.L. 476'
Harvey Austin	Fahrnkopf #1-A	330'N 330'W SEc NW SE Sec. 14 5N 5E	420'	5-4-70	G.L. 521'
Thomas M. Kiernan	A. W. Fahrnkopf #2	330'N 330'E SWc NE SE Sec. 14 5N 5E	2666'	6-6-70	G.L. 523'
Getty Oil Co.	Reed #2	330'N 330'E SWc NW NW Sec. 14 5N 5E	2367'	12-16-70	G.L. 532'
Getty Oil Co.	M. J. Reed #J-3	985'S 973'E NWc Sec. 14 5N 5E	2381'	12-14-70	G.L. 532'
Texaco, Inc.	Williams-Risser Comm. #1	330'S 330'E NWc SW SE Sec. 15 5N 5E	2342'	12-12-70	G.L. 508'
Texaco, Inc.	A. Cox #1	193'N 247'E SWc SW NW Sec. 16 5N 5E	2387'	12-23-70	G.L. 526'

M. Luther Livengood	Gernand #3	180'S 330'E NWc SW Sec. 23 5N 5E	2432'	5-20-70	G.L. 527.7'
R. H. Billingsley	Beherns #1	660'S 330'E NWc NE Sec. 9 5N 7E	2546'	6-19-70	G.L. 531'
R. H. Billingsley	Beherns #2	330'S 990'E NWc NE Sec. 9 5N 7E	2558'	6-24-70	D.F. 529'
Willard McKinney	Poehler #1	330'S 330'W NEc SE NE Sec. 11 5N 7E	2965'	6-23-70	G.L. 521'
Henderson & Willis	Yount #1	330'S 330'E NWc SW NE Sec. 12 5N 7E	3018'	5-19-70	G.L. 534'
McCollum & Kincaid	Colborne #1	990'S 330'W NEc NW NE Sec. 24 5N 7E	2570'	5-15-70	G.L. 500'
Continental Oil Co.	Bateman WF Unit #1	360'N 370'E SWc SE NW Sec. 25 5N 7E	2599'	7-6-70	G.L. 459'
CLINTON COUNTY					
Shell Oil Co.	Centralia Unit Waterflood #120-W	300'N 300'W SEc NW SW Sec. 1 1N 1W	1350'	11-11-70	D.F. 460'
Shell Oil Co.	Centralia Unit Waterflood #126-W (Formerly R. Koelmel #8-A)	930'N 345'E SWc Sec. 1 1N 1W	1198'	11-11-70	D.F. 471'
Shell Oil Co.	Centralia Flood Unit #157	1030'S 1172'W NE¼ Sec. 12 1N 1W	1382'	11-11-70	D.F. 489'
Fred Seip	C. P. Marshall #1	N part of NE ¼ SE ¼ S Part of SE ¼ NE ¼ Sec. 31 1N 1W	1375'	9-3-70	
Charles T. Evans	Julius Schroeder #1	330'S 330'W SEc SE Sec. 24 1N 2W	1413'	6-28-70	G.L. 434'
Mrs. C. R. Winn & Clarence E. Winn d/b/a C. R. Winn Drlg. Contr., Inc.	Kohrmann #1	330'N 330'E SWc SE SW Sec. 29 1N 3W	1068'	2-27-70	G.L. 412'
Shell Oil Co.	Centralia Unit Water Flood #1	315'N 330'E SWc NE NE Sec. 35 2N1W	1373'	11-11-70	D.F. 482'
Mrs. C. R. Winn & Clarence E. Winn d/b/a C. R. Winn Drlg. Contr., Inc.	H. Virgil Diekemper #1	330'N 330'E SWc NE NW Sec. 1 2N 3W	1220'	7-27-70	G.L. 477.9'
Merle Mearns d/b/a Crest Oil Co., Inc.	Koch-Faust Comm. #1	330'S 330'W NEc NW NW Sec. 36 2N 4W	1232'	6-19-70	G.L. 427.2'
Crest Oil Co., Inc.	John Lappe #1	330'S 330'E NWc NE Sec. 36 2N 4W	1270'	6-26-70	G.L. 455.8'
Roy B. Dannenberg	Frank Grimmer #1	330'N 330'W SEc NE Sec. 6 2N 5W	968'	3-14-70	G.L. 489.5'
Lawrence Truitt	B. Venhaus #1	1650'N 330'E SWc Sec. 23 2N 5W	1390'	7-9-70	G.L. 444.5'
Oilfield Research Inc.	H. Wellen #1	330'N 330'E SWc SE SW NW Sec. 26 2N 5W	1109'	10-21-70	G.L. 461.5'
Petrotech, Inc.	Henry Bassler #1	1650'N 600'W SEc SW Sec. 29 2N 5W	1180'	1-20-70	G.L. 489'
T. M. Conrey, Jr.	Reinkensmeyer #5	330'N 330'W SEc NE NE Sec. 14 3N 3W	1109'	7-23-70	G.L. 466'
Thomas L. Lang	Wm. Timmermann #1	330'S 330'W NEc NE SW Sec. 17 3N 3W	965'	11-16-70	G.L. 466'
T. M. Conrey, Jr.	Wm. Krietemeyer #1	330'S 330'W NEc SE SW Sec. 23 3N 3W	1141'	5-20-70	
T. M. Conrey, Jr.	Krietemeyer #2	330'S 330'E NWc SE SW Sec. 23 3N 3W	1141'	5-19-70	
T. M. Conrey, Jr.	Krietemeyer #3	400'N 350'W SEc SW Sec. 23 3N 3W	1147'	5-19-70	
Charles T. Evans	George Kluemke #1	330'S 330'E NWc SW SE Sec. 36 3N 3W	1212'	12-12-70	G.L. 479.5'
Aimco, Inc.	J. H. Grapperhaus #1	330'N 330'E SWc NE Sec. 8 3N 4W	2220'	4-7-70	G.L. 509'
R. D. Ernest	E. Hoeffken #1	330'S 330'W NEc SE Sec. 8 1S 5W	2107'	11-3-70	G.L. 410'
COLES COUNTY					
Schaefer Oil Co.	John Welch #1	330'N 330'E SWc NE NW Sec. 2 11N 7E	2022'	4-11-70	G.L. 761'
Walter Duncan	Oliver #1	330'N 330'E SWc Sec. 2 12N 7E	1995'	12-29-70	D.F. 693'
R. D. Ernest	Bell #1	840'S 330'W NEc NW Sec. 27 12N 7E	2043'	5-8-70	G.L. 721.7'
Lloyd A. Harris	Mary Eaton #1	330'S 990'E NWc NE Sec. 13 12N 10E	516'	5-20-70	
Thomas C. Rappe	Macklin #4	330'N 330'W SEc NE Sec. 8 13N 7E	1925'	4-6-70	G.L. 655'
Thomas C. Rappe	Borntreger #3	330'S 330'E NWc SE Sec. 9 13N 7E	1845'	4-8-70	G.L. 652'
Dan R. Leavell	Borntreger #5	2310'S 990'E NWc NE SW Sec. 9 13N 7E	1836'	12-22-70	G.L. 626'
W. R. & Dena Kuykendall	Hortenstein #2	330'N 330'W SEc NE NW Sec. 9 13N 7E	1838'	5-21/70	G.L. 637'
Thomas C. Rappe	Macklin #3	330'N 330'W SEc NW Sec. 9 13N 7E	1889'	4-13-70	G.L. 655'
Thomas C. Rappe	Macklin #7	330'S 330'W NEc SE NW Sec. 9 13N 7E	1859'	4-7-70	G.L. 652'
Thomas C. Rappe	Schrock #1	330'S 330'W NEc NW SW Sec. 9 13N 7E	1892'	4-10-70	G.L. 655'
Dan R. Leavell	Kuhns #7	330'S 330'W NEc SE SW NW Sec. 16 13N 7E	1890'	12-18-70	G.L. 660'
Union Oil Company of California	F. Moler #1	330'S 330'E NWc SW SE Sec. 16 13N 9E	2600'	6-18-70	G.L. 677'

WELLS PLUGGED IN 1970—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
Community Unit District #1	Ashmore Grade School #1	Approx. 150′N 150′W SEc Sec. 31 13N 11E	275′	3-28-70	
Community Unit District #1	Ashmore Grade School #2	Approx. 30′N 30′W SEc Sec. 31 13N 11E	275′	3-28-70	
W. R. & Dena Kuykendall	Hall #1	330′N 330′E SWc Sec. 26 14N 7E	1838′	5-11-70	G.L. 660′
W. R. & Dena Kuykendall	Hall #W-4	660′N 660′E SWc Sec. 26 14N 7E	1935′	5-20-70	G.L. 661.4′
W. R. & Dena Kuykendall	Hazel Easton #1	330′N 250′W SEc SW SE Sec. 27 14N &E	1835′	4-30-70	G.L. 654′
W. R. & Dena Kuykendall	Hazel Easton #2	330′N 350′W SEc NE SW SE Sec. 27 14N 7E	1833′	4-25-70	G.L. 652′
W. R. & Dena Kuykendall	Hazel Easton #4	330′N 350′W SEc NW SE Sec. 27 14N 7E	1858′	5-6-70	G.L. 658′
W. R. & Dena Kuykendall	Hazel Easton #6	990′N 990′W SEc SW SE Sec. 27 14N 7E	1847′	5-7-70	G.L. 658.5′
W. R. & Dena Kuykendall	Kelly-Williams "C" #2	330′N 990′W SEc NE SE Sec. 27 14N 7E	1830′	4-27-70	G.L. 655′
W. R. & Dena Kuykendall	Edna C. Williams #1-C	330′N 330′W SEc NE SE Sec. 27 14N 7E	1819′	4-28-70	G.L. 655′
W. R. & Dena Kuykendall	Williams-Young Comm. #1	990′N 330′W SEc Sec. 27 14N 7E	1810′	5-14-70	G.L. 659′
W. R. & Dena Kuykendall	Williams-Young Comm. #2	330′N 990′W SEc Sec. 27 14N 7E	1824′	6-18-70	G.L. 658′
W. R. & Dena Kuykendall	Williams-Young Comm. #3	330′N 330′W SEc Sec. 27 14N 7E	1825′	5-19-70	G.L. 662′
W. R. & Dena Kuykendall	Williams-Young Comm. #4	330′S 330′E NWc SE SE Sec. 27 14N 7E	1816′	5-12-70	G.L. 653′
W. R. & Dena Kuykendall	Kelly Williams #1	330′S 330′W NEc Sec. 34 14N 7E	1825′	5-2-70	G.L. 664′
W. R. & Dena Kuykendall	Kelly Williams #2	330′S 990′W NEc Sec. 34 14N 7E	1814′	5-1-70	G.L. 663′
W. R. & Dena Kuykendall	Beckman #1	330′S 990′E NWc Sec. 35 14N 7E	1818′	5-9-70	G.L. 665′
W. R. & Dena Kuykendall	Beckman #1-B	330′N 330′E SWc NE,NW Sec. 35 14N 7E	1808′	11-17-70	G.L. 664′
W. R. & Dena Kuykendall	Beckman #2	330′S 330′E NWc Sec. 35 14N 7E	1828′	5-4-70	G.L. 665′
Bangert Casing Pulling Corp.	Moore #1	330′S 330′E NWc NE Sec. 35 14N 7E	1840′	4-1-70	
Bangert Casing Pulling Corp.	Moore #2	990′S 990′W NEc Sec. 35 14N 7E	1838′	3-23-70	G.L. 651′
Bangert Casing Pulling Corp.	Moore #3	330′S 990′W NEc Sec. 35 14N 7E	1811′	3-25-70	
E. C. Reeves	James C. Skinner #1	330′S 330′E NWc NE NE Sec. 19 14N 8E	1844′	11-19-70	G.L. 655′
CRAWFORD COUNTY					
Getty Oil Co.	J. W. Lindsay #6	200′S 200′W NEc NE NE SW Sec. 16 5N 11W	978′	10-29-70	
Ralph Deckard	Mathild L. Richey #1-A	220′S 620′E NWc SW NW Sec. 18 5N 11W	912′	8-28-70	G.L. 481′
D. W. Franchot & Co., Inc.	Allison Kent-Fritz	200′S 195′W NEc NE NE Sec. 21 5N 11W	910′	11-25-70	G.L. 511′
D. W. Franchot & Co., Inc.	Shaffer	200′N 605′E SWc NE NE Sec. 21 5N 11W	955′	2-10-70	G.L. 504.3′
D. W. Franchot & Co., Inc.	Conrad #0-1	126′S 120′W SEc NW NW NW Sec. 22 5N 11W	908′	10-22-70	G.L. 524′
Getty Oil Co.	Mary Hoke #H-5	330′N 330′W SEc NW SW Sec. 6 5N 12W	1504′	4-10-70	G.L. 476.6′
Getty Oil Co.	Wilbur Kersey Well #11	330′S 330′W NEc SW NE Sec. 6 5N 12W	951′	7-20-70	G.L. 480.08′
Getty Oil Co.	A. W. Mann #5	200′N 660′W SEc SW NE NE Sec. 6 5N 12W	965′	8-4-70	
Carmax Industries, Inc.	McSparin #1-A	330′S 330′W NEc SE NE Sec. 7 5N 12W	1534′	11-18-70	G.L. 563′
Rand-Mick Oil Co.	S. Rosborough #1	330′S 660′E NWc Sec. 7 5N 12W	1500′	8-21-70	G.L. 497′
W. W. Toler Drlg. Corp.	E. Baker #2	990′S 330′W NEc SE NW Sec. 18 5N 12W	1570′	7-1-70	G.L. 496.5′
Stuart A. Boyer	Orville Emmons #1-B	330′N 330′E SWc NE SW Sec. 18 5N 12W	1523′	7-10-70	G.L. 499.5′
Liburn Development Co., Inc. c/o Joe Nickolick	E. L. Butcher #1	330′N 330′W SEc NW SW Sec. 25 6N 12W	1167′	10-2-70	G.L. 938′
Paul V. Harris	H. E. Coen #1	330′S 330′E NWc SW NE Sec. 27 6N 12W	1623′	7-28-70	G.L. 521.3′
Charles L. Siler & Robert D. Mikeworth	S. J. Parker #3	1320′S 1240′E NWc SW Sec. 28 6N 12W	1029′	12-29-70	
Charles L. Siler & Robert D. Mikeworth	S. J. Parker #10	200′S 1075′E NWc NW NW SW Sec. 28 6N 12W	1015′	12-14-70	
Charles L. Siler & Robert D. Mikeworth	S. J. Parker #11	1320′S 750′E NWc SW Sec. 28 6N 12W	1017′	11-28-70	

Charles L. Siler & Robert D. Mikeworth	S. J. Parker #13	220′S 165′E NWc NW NE SW Sec. 28 6N 12W	1022′	12-2-70	
James A. Stone	Houghton #16	773′N 520′W SEc SE NW NW Sec. 4 6N 13W	963′	5-26-70	G.L. 484′
James A. Stone	Houghton #17	277′S 625′W NEc NE NW NW Sec. 4 6N 13W	952′	5-29-70	G.L. 483′
James A. Stone	Houghton #20	247′N 637′E SWc SW NW NW Sec. 24 6N 13W	913′	7-16-70	
James A. Stone	Houghton #21	200′N 1008′E SWc SW NW NW Sec. 24 6N 13W	909′	6-1-70	
Marathon Oil Co.	R. Keeley #1	220′N 220′E SWc NE NW Sec. 8 6N 13W	914′	7-28-70	
Marathon Oil Co.	R. Keeley #6	220′N 660′E SWc NE NW Sec. 8 6N 13W	964′	9-15-70	
Marathon Oil Co.	M. E. Bond #8	200′S 240′E NWc SE SW Sec. 10 6N 13W	950′	8-19-70	G.L. 490′
Marathon Oil Co.	A. M. Riker #1	190′S 190′E NWc SW NW Sec. 15 6N 13W	990′	6-10-70	
Marathon Oil Co.	A. M. Riker #2	220′N 220′E SWc SW NW Sec. 15 6N 13W	954′	6-24-70	
Marathon Oil Co.	Wakefield Heirs #17	770′S 205′W NEc NW SE Sec. 15 6N 13W	961′	7-21-70	G.L. 488′
Marathon Oil Co.	M. E. Bond #11-A	250′N 250′E SWc NE NE Sec. 16 6N 13W	935′	12-23-70	G.L. 474′
Marathon Oil Co.	Sally Carlisle #5	440′N 220′E SWc NE SE Sec. 16 6N 13W	1032′	5-26-70	G.L. 475′
Marathon Oil Co.	M. Dedrick #8	220′S 220′E NWc SW NW Sec. 17 6N 13W	973′	9-1-70	G.L. 470′
Getty Oil Co.	B. & D. Murphy #8	214′S 614′E NWc NE SE Sec. 17 6N 13W	924′	7-10-70	G.L. 494′
Royalco, Inc.	Stewart Heirs #4	660′N 220′E SWc SW SE SE Sec. 21 6N 13W	982′	11-19-70	
Royalco, Inc.	Stewart Heirs #5	SW SE SE Sec. 21 6N 13W	980′	11-19-70	
Royalco, Inc.	Stewart Heirs #6	220′N 585′W SEc SE SE SE Sec. 21 6N 13W	990′	11-20-70	
Royalco, Inc.	Stewart Heirs #7	660′N 220′W SEc SE SE SE Sec. 21 6N 13W	970′	11-20-70	
Royalco, Inc.	Stewart Heirs #8	SE SE SE Sec. 21 6N 13W	980′	11-19-70	
Royalco, Inc.	Stewart Heirs #9	10′N 10′W SEc NW SE SE Sec. 21 6N 13W	971′	11-20-70	
Royalco, Inc.	Stewart Heirs #U-16-A	425′N 30′E SWc SE SE Sec. 21 6N 13W	972′	11-19-70	
Marathon Oil Co.	H. Martin #6-K	280′N 660′W SEc NE NW Sec. 22 6N 13W	986′	7-10-70	
James A. Stone	J. C. Martin a/c 2 #O-3	100′S 50′E NWc NE NE Sec. 22 6N 13W	932′	4-21-70	G.L. 486′
James A. Stone	J. C. Martin a/c 2 #13	SE NE NE Sec. 22 6N 13W	954′	7-14-70	
James A. Stone	J. C. Martin a/c 2 #14	NE NE NE Sec. 22 6N 13W	966′	7-17-70	
James A. Stone	J. C. Martin a/c 2 #16	200′N 200′E SWc NE NE Sec. 22 6N 13W	990′	4-10-70	G.L. 486′
James A. Stone	J. C. Martin a/c 2 #17	Center W½ NE NE Sec. 22 6N 13W	923′	4-17-70	G.L. 486′
James A. Stone	J. C. Martin a/c 2 #19	380′S 220′E NWc NE NE Sec. 22 6N 13W	930′	4-27-70	G.L. 479′
Marathon Oil Co.	A. R. Smith #7	220′S 220′E NWc SW NE Sec. 22 6N 13W	972′	8-10-70	G.L. 476′
James A. Stone	Susan Tohill a/c 3 #1	165′S 165′W NEc NE SE NW Sec. 22 6N 13W	928′	8-10-70	G.L. 472′
Marathon Oil Co.	S. Tohill a/c 1 #8	1158′N 963′E SWc SW SW Sec. 22 6N 13W	923′	5-15-70	
James A. Stone	N. D. Reed #12	200′N 1120′W SEc NW NW NW Sec. 23 6N 13W	930′	7-29-70	G.L. 494′
James A. Stone	N. D. Reed #13	220′N 1120′E SWc NW NW NW Sec. 23 6N 13W	1018′	7-24-70	G.L. 494′
James A. Stone	N. D. Reed #14	200′N 660′E SWc NW NW NW Sec. 23 6N 13W	1019′	7-28-70	G.L. 492′
James A. Stone	Crowell Comm. #1	330′S 330′E NWc NE NE Sec. 25 6N 13W	981′	2-29-70	G.L. 496′
Marathon Oil Co.	D. A. Maxwell a/c 1 #17	465′S 485′W NEc NW SW Sec. 25 6N 13W	951′	1-8-70	
Marathon Oil Co.	D. A. Maxwell a/c 1 #18	660′S 200′W NEc NW SW Sec. 25 6N 13W	932′	1-21-70	
Marathon Oil Co.	S. Weirich #11	20′S 165′W NEc SW NE Sec. 26 6N 13W	966′	2-4-70	
Robert M. Fry	J. H. Wright #2	199′N 659′W SEc SE NW Sec. 26 6N 13W	972′	8-17-70	
James A. Stone	Irven Hale #1	330′S 330′E NWc SW NW Sec. 7 7N 12W	1115′	2-20-70	G.L. 514′
James A. Stone	J. S. Kirk #1	660′N 660′W SEc NE SW Sec. 29 7N 12W	1100′	1-28-70	G.L. 546′
James A. Stone	J. S. Kirk #5	660′N 165′W SEc SE NE SW Sec. 29 7N 12W	1155′	1-31-70	G.L. 547′
James A. Stone	J. S. Kirk #6	165′S 165′W NEc NE NE SW Sec. 29 7N 12W	1153′	2-20-70	G.L. 545′
James A. Stone	J. S. Kirk #7	165′N 165′W SEc SE NE SW Sec. 29 7N 12W	1153′	1-26-70	
James A. Stone	Kewanee J. S. Kirk #JW-8 80A	683′N 30′E SWc Sec. 29 7N 12W	1151′	3-2-70	
James A. Stone	Kewanee J. S. Kirk 80A #JW-9	10′N 30′E SWc Sec. 29 7N 12W	1140′	4-1-70	
James A. Stone	Oxford J. S. Kirk #KW-9 120A	672′W SEc SW SW Sec. 29 7N 12W	1138′	3-12-70	
James A. Stone	J. S. Kirk #17	165′S 575′W NEc NE NE SW Sec. 29 7N 12W	1100′	2-27-70	G.L. 545′
James A. Stone	A. J. Kirk #6	495′N 495′W SEc SE NE NE Sec. 31 7N 12W	1030′	8-7-70	G.L. 536′
James A. Stone	A. J. Kirk #7	495′N 805′W SEc SE NE NE Sec. 31 7N 12W	998′	8-12-70	G.L. 537′
James A. Stone	Kewanee J. S. Kirk #JW-10 80A	670′S 30′E NWc Sec. 32 7N 12W	1125′	3-3-70	
James A. Stone	Kewanee J. S. Kirk #KW-10-80A	670′S 660′E NWc Sec. 32 7N 12W	1135′	3-11-70	
James A. Stone	B. B. Kintner #GW-5	660′N 1320′W SEc Sec. 7 7N 13W	992′	9-22-70	

WELLS PLUGGED IN 1970—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
James A. Stone	B. B. Kintner #JW-5	660'N 660'W SEc Sec. 7 7N 13W	993'	9-21-70	G.L. 509'
James A. Stone	B. B. Kintner #GW-6	40'N 20'W SEc SW SE Sec. 7 7N 13W	966'	9-21-70	
James A. Stone	B. B. Kintner #HW-6	22'N 920'W SEc Sec. 7 7N 13W	996'	9-19-70	G.L. 510'
Marathon Oil Co.	J. G. McKnight a/c 1 #35	250'S 250'E NWc NW SW Sec. 17 7N 13W	1447'	3-6-70	G.L. 505'
James A. Stone	L. C. & J. H. Wilkin #4-WI	1105'S 185'E NWc Sec. 17 7N 13W	968'	10-30-70	G.L. 509.4'
James A. Stone	L. C. & J. H. Wilkin #LW-9	1363'S 355'E NWc Sec. 17 7N 13W	980'	8-25-70	G.L. 509'
James A. Stone	L. C. & J. H. Wilkin #MW-9M	1330'S 847'E NWc Sec. 17 7N 13W	986'	8-28-70	G.L. 511'
James A. Stone	L. C. & J. H. Wilkin #12	985'N 290'W SEc NW Sec. 17 7N 13W	960'	8-23-70	G.L. 519.6'
Marathon Oil Co.	L. C. & J. H. Wilkin #19	175'N 200'E SW SW NW Sec. 17 7N 13W	1436'	4-15-70	G.L. 511'
James A. Stone	L. C. & J. H. Wilkin #22	985'N 290'E SWc NW Sec. 17 7N 13W	986'	8-12-70	G.L. 514'
James A. Stone	Amanda Dart #1	230'N 660'W SE SE SW SE Sec. 18 7N 13W	981'	1-21-70	G.L. 494.1'
James A. Stone	Dan Kintner #12	330'S 660'W NEc NW NE Sec. 18 7N 13W	977'	1-16-70	G.L. 503.7'
Marathon Oil Co.	J. G. McKnight a/c #34	250'S 250'W NEc NE SE Sec. 18 7N 13W	1434'	3-26-70	G.L. 501'
James A. Stone	J. H. Wilken #6	225'S 225'E NWc NE NE Sec. 18 7N 13W	1013'	8-31-70	G.L. 507.1'
James A. Stone	J. H. Wilkin a/c #JW-6	25'S 470'W NEc Sec. 18 7N 13W	998'	8-19-70	G.L. 508'
Marathon Oil Co.	W. W. Arnold a/c 2 Well #2	250'N 1070'W SEc NE SE Sec. 20 7N 13W	987'	4-28-70	G.L. 506.9'
Marathon Oil Co.	W. W. Arnold a/c 3 #3	265'S 260'E NWc NE SW Sec. 20 7N 13W	1439'	11-6-70	G.L. 510'
Marathon Oil Co.	W. W. Arnold a/c 2 #5	440'N 660'W NEc SE Sec. 20 7N 13W	975'	5-6-70	G.L. 507.1'
Marathon Oil Co.	J. W. Shumaker #6	200'S 250'W NEc NW SW Sec. 20 7N 13W	1446'	10-22-70	G.L. 506'
Marathon Oil Co.	J. W. Shumaker #10	250'S 300'E NWc SW Sec. 20 7N 13W	1422'	12-8-70	G.L. 506'
Marathon Oil Co.	S. J. Henry a/c 1 #7	250'S 250'E NWc SE NW Sec. 22 7N 13W	1010'	12-4-70	
James A. Stone	D. T. B. #1 (Musgrave)	220'N 220'W SEc NE NW Sec. 24 7N 13W	1003'	10-14-70	G.L. 532'
James A. Stone	H. J. Musgrave #1	200'S 210'E NWc NW NE NW Sec. 24 7N 13W	1092'	10-6-70	G.L. 533'
James A. Stone	H. J. Musgrave #8	200'S 700'E NWc NW NE NW Sec. 24 7N 13W	1308'	10-8-70	G.L. 533'
James A. Stone	H. J. Musgrave #10	210'N 680'E SWc SW NE NW Sec. 24 7N 13W	1302'	10-3-70	G.L. 532'
Royalco, Inc.	Dennis Hrs. #1	SW NW SW Sec. 29 7N 13W	970'	8-31-70	G.L. 495'
Royalco, Inc.	Dennis #2	660'S 220'E NWc NW Sec. 29 7N 13W	937'	7-27-70	G.L. 494'
Royalco, Inc.	Dennis Hrs. #3	NW NW SW Sec. 29 7N 13W	950'	7-28-70	G.L. 445'
Royalco, Inc.	Dennis Heirs #4-H	100'N 340'W SEc SW NW Sec. 29 7N 13W	955'	8-1-70	G.L. 495'
Royalco, Inc.	Dennis #5	220'N 660'E SWc SW NW SW Sec. 29 7N 13W	956'	8-5-70	G.L. 495'
Royalco, Inc.	Dennis Heirs #5-F	330'S 20'E NWc SW Sec. 29 7N 13W	960'	7-31-70	G.L. 492'
Royalco, Inc.	Dennis Heirs #5-G	290'S 445'E NWc SW Sec. 29 7N 13W	952'	7-29-70	G.L. 500'
Royalco, Inc.	Dennis Heirs #5-H	345'S 500'W NEc NW SW Sec. 29 7N 13W	955'	8-3-70	G.L. 491'
Royalco, Inc.	Dennis Heirs #6-G	495'N 390'E SWc NW SW Sec. 29 7N 13W	951'	7-29-70	G.L. 499'
Royalco, Inc.	Dennis Heirs #6-H	500'N 431'W SEc NW SW Sec. 29 7N 13W	926'	8-6-70	G.L. 486'
Royalco, Inc.	Dennis Heirs #F-7	15'N 15'E SWc NW SW Sec. 29 7N 13W	964'	7-30-70	G.L. 490'
Royalco, Inc.	Dennis Heirs #I-7	15'N 15'W SEc NW SW Sec. 29 7N 13W	934'	8-5-70	G.L. 484'
Royalco, Inc.	N. P. Wilkin #10	Sec. 29 7N 13 W	1438'	8-28-70	G.L. 495'
Royalco, Inc.	Wilkin #14	Sec. 29 7N 13W	1408'	12-3-70	
Royalco, Inc.	Dennis Heirs #4-E	78'N 425'W SEc NE Sec. 30 7N 13W	965'	7-31-70	G.L. 495'
Royalco, Inc.	Frazer #1	NE NE SE Sec. 30 7N 13W	945'	7-27-70	G.L. 495'
Royalco, Inc.	Frazer #2	SE NE SE Sec. 30 7N 13W	960'	9-2-70	G.L. 485'
Royalco, Inc.	Frazer #4	NE NE SE Sec. 30 7N 13W	943'	7-28-70	G.L. 445'
Royalco, Inc.	Frazer #4-D	188'N 458'E SWc SE NE Sec. 30 7N 13W	989'	8-3-70	G.L. 497'
Royalco, Inc.	Frazer #4-F	105'N 10'W SEc NE Sec. 30 7N 13W	957'	7-31-70	G.L. 495'

Royalco, Inc.	E. F. Frazer #5-E	330'S 410'W NEc SE Sec. 30 7N 13W	964'	7-31-70	.....
Royalco, Inc.	Frazer #6-D	455'N 500'E SWc NE SE Sec. 30 7N 13W	977'	8-4-70	G.L. 496'
Royalco, Inc.	Frazer #6-E	625'N 360'W SEc NE SE Sec. 30 7N 13W	948'	7-30-70	G.L. 489'
Royalco, Inc.	E. F. Frazer #6-F	530'N 24'W SEc NE SE Sec. 30 7N 13W	965'	7-30-70	G.L. 490'
Royalco, Inc.	E. F. Frazer #7-E	15'N 355'W SEc NE SE Sec. 30 7N 13W	963'	7-29-70	G.L. 490'
Royalco, Inc.	Frazer #8	Center N½ NE SE Sec. 30 7N 13W	972'	7-28-70	G.L. 493'
Royalco, Inc.	M. Rhodes #C-4	15'N 15'W SEc SW NE Sec. 30 7N 13W	1020'	8-4-70	G.L. 496'
James A. Stone	Houghton #1-A	330'S 330'E NWc SW SW Sec. 33 7N 13W	1441'	4-30-70	G.L. 483'
James A. Stone	Houghton #2	1031'N 193'W SEc SE SW SW Sec. 33 7N 13W	939'	5-3-70	G.L. 482'
James A. Stone	Houghton #2-A	330'S 330'W NEc SW SW Sec. 33 7N 13W	1472'	5- -70	G.L. 482'
James A. Stone	Houghton #3	534'N 200'W SEc SE SW SW Sec. 33 7N 13W	935'	5-9-70	G.L. 484'
James A. Stone	L. F. Houghton #9	1227'N 200'E SWc Sec. 33 7N 13W	938'	4-21-70	G.L. 482'
James A. Stone	Houghton #10-(P-15)	1027'N 924'E SWc Sec. 33 7N 13W	936'	8-17-70	G.L. 482'
James A. Stone	L. F. Houghton #12-A	230'N 330'W SEc NW SW Sec. 33 7N 13W	975'	5-20-70	G.L. 483'
James A. Stone	L. F. Houghton #13	235'N 200'E SWc SW NW SW Sec. 33 7N 13W	925'	4-28-70	G.L. 482'
James A. Stone	L. F. Houghton #P-14	600'N 528'W SEc NW SW Sec. 33 7N 13W	936'	7-17-70	G.L. 482.7'
James A. Stone	Houghton #15	275'N 497'E SWc SW NW SW Sec. 33 7N 13W	943'	4-20-70	G.L. 483'
James A. Stone	Houghton #26	120'N 158'W SEc SE SW SW Sec. 33 7N 13W	952'	5-11-70	G.L. 484'
James A. Stone	Houghton #27-W	630'N 609'W SEc SW SW Sec. 33 7N 13W	955'	5-16-70	G.L. 478.9'
Marathon Oil Co.	W. A. Whitmer #2	160'N 320'E SWc NE NW Sec. 33 7N 13W	923'	8-31-70	G.L. 486.5'
Bradford Supply Co.	A. P. Woodworth Tract #2	220'N 187'E SWc SW SW SE Sec. 33 7N 13W	920'	7-22-70	G.L. 484'
Bradford Supply Co.	A. P. Woodworth Tract #3	220'N 656'E SWc SW SW SE Sec. 33 7N 13W	970'	7-24-70	G.L. 485'
Bradford Supply Co.	A. P. Woodworth Tract #4	220'N 1250'E SWc SW SW SE Sec. 33 7N 13W	955'	8-1-70	G.L. 482'
Bradford Supply Co.	A. P. Woodworth Tract #6	220'N 1750'E SWc SW SW SE Sec. 33 7N 13W	982'	8-14-70	G.L. 483'
Bradford Supply Co.	A. P. Woodworth Tract #8	750'N 1250'E SWc SW SW SE Sec. 33 7N 13W	977'	9-11-70	G.L. 486'
Bradford Supply Co.	A. P. Woodworth Tract #9	85'W NEc NE SW SE Sec. 33 7N 13W	977'	9-14-70	G.L. 486'
Bradford Supply Co.	A. P. Woodworth Tract #10	495'N 185'W SEc SE NW SE Sec. 33 7N 13W	937'	9-17-70	G.L. 486'
Bradford Supply Co.	A. P. Woodworth Tract #11	495'N 745'W SEc NE SE Sec. 33 7N 13W	820'	8-17-70	G.L. 485'
Bradford Supply Co.	A. P. Woodworth Tr. #13	265'S 210'E NWc NE SE Sec. 33 7N 13W	930'	8-21-70	G.L. 486.4'
Bradford Supply Co.	A. P. Woodworth Tract #14	330'N 220'W SEc SE SW NE Sec. 33 7N 13W	937'	10-23-70	G.L. 480.3'
Bradford Supply Co.	A. P. Woodworth Tract #18	165'S 300'W NEc NE NW SE Sec. 33 7N 13W	932'	10-22-70	G.L. 486'
Bradford Supply Co.	A. P. Woodworth Tract #42	220'N 220'W SEc Sec. 33 7N 13W	940'	8-19-70	G.L. 487'
Bradford Supply Co.	A. P. Woodworth Tract #43	800'N 240'W SEc Sec. 33 7N 13W	975'	11-18-70	G.L. 490'
Bradford Supply Co.	A. P. Woodworth Tract #55	800'N 1540'E SWc SE Sec. 33 7N 13W	937'	10-16-70	G.L. 487'
Paul V. Harris	Wakefield #1	330'N 330'W SEc NE Sec. 34 7N 13W	967'	7-22-70	G.L. 494'
Bradford Supply Co.	A. P. Woodworth Tract #32	220'N 660'W SEc SE SW SW Sec. 34 7N 13W	917'	10-26-70	G.L. 493'
Bradford Supply Co.	A. P. Woodworth Tract #34	660'N 660'W SEc SE SW SW Sec. 34 7N 13W	912'	9-27-70	G.L. 495'
Bradford Supply Co.	A. P. Woodworth Tract #35-K	495'W NEc NE SW SW Sec. 34 7N 13W	950'	9-5-70	G.L. 492'
Bradford Supply Co.	A. P. Woodworth Tract #37	200'N 300'E SWc SW NW SW Sec. 34 7N 13W	922'	10-14-70	G.L. 491'
Bradford Supply Co.	A. P. Woodworth Tract #47	495'S 220'E NWc NW SW SW Sec. 34 7N 13W	922'	9-2-70	G.L. 491'
Bradford Supply Co.	A. P. Woodworth Tract #48	595'N 595'E SWc Sec. 34 7N 13W	1007'	9-25-70	G.L. 491'
Marathon Oil Co.	A. R. Boyd #13	220'S 220'E NWc NW SW Sec. 2 7N 14W	1015'	12-29-70	
Marathon Oil Co.	H. S. Hargis #12	260'N 220'E SWc NE SW Sec. 2 7N 14W	1027'	12-18-70	
Marathon Oil Co.	Victor Curtis	Approx. 500'S 500'E NWc NW SE Sec. 11 7N 14W	.....	10-7-70	..
Marathon Oil Co.	C. F. Curtis #4	437'S 220'E NWc SW NW Sec. 12 7N 14W	981'	6-19-70	G.L. 501.7'
Marathon Oil Co.	M. Drake a/c 3 #6	200'S 160'W NEc SE NW Sec. 12 7N 14W	1030'	12-11-70	G.L. 503'
Associated Petroleum Operators, Inc.	Comly-Aten Comm. #1	330'S 330'W NEc Sec. 24 7N 14W	1970'	7-11-70	G.L. 501'
Homer Kincaid	Noble Sellars #1	330'S 330'E NWc SW SE Sec. 20 8N 13W	1300'	10-7-70	G.L. 504'
Wichita Industries, Inc.	L. A. Ikemire #2	330'S 330'W NEc SW Sec. 8N 13W	966'	12-18-70	.....
Kenneth E. Bush	Stanley Washburn Etal #2	330'N 330'W SEc NE SE Sec. 14 8N 14W	1230'	11-7-70	G.L. 540'
Kenneth E. Bush	Washburn Etal #3-A	400'N 400'E SWc SE SE Sec. 14 8N 14W	1234'	12-18-70	G.L. 538'
Kenneth E. Bush	Jesse Dillman #1	330'S 330'E NWc NE NE Sec. 23 8N 14W	1240'	12-9-70	G.L. 539'

WELLS PLUGGED IN 1970—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
DE WITT COUNTY					
Union Oil Company of California	A. B. Williamson #1	330'N 330'W SEc Sec. 4 20N 3E	1300'	2-28-70	G.L. 773'
E. H. Kaufman	Robison #1	330'N 990'W SEc Sec. 13 20N 3E	1560'	2-20-70	G.L. 741.5'
DOUGLAS COUNTY					
Charles Armantrout	Hudson #1	660'N 330'E SWc SE NE Sec. 14 15N 7E	1695'	8-22-70	G.L. 667'
Elton M. Botts	William Jones #1	330'N 330'W SEc NW SE Sec. 14 15N 7E	1714'	6-5-70	G.L. 660.74'
Southern Illinois Oil Producers, Inc.	William Jones #1	990'S 330'E NWc NE Sec. 23 15N 7E	1735'	8-20-70	G.L. 657.69'
Elton M. Botts	Beals #2	330'N 330'W SEc SW NW Sec. 24 15N 7E	1699'	9-25-70	G.L. 665.14'
Elton M. Botts	Cline #1	1650'S 330'E NWc NE NW Sec. 24 15N 7E	1712'	11-17-70	G.L. 659.42'
Elton M. Botts	William Jones #3	990'S 330'W NEc NW NW Sec. 24 15N 7E	1734'	10-4-70	G.L. 661.17'
Elton M. Botts	National Distillers #4	990'N 990'W SEc Sec. 31 16N 8E	1561'	9-29-70	G.L. 685.72'
EDGAR COUNTY					
Max Landes	John D. Martin #1	660'S 330'W NEc NW NE Sec. 5 12N 11W	1175'	12-12-70	G.L. 630.5'
Earnest Zink	Babcock #2	300'S 640'E NWc Sec. 4 12N 13W	550'	2-26-70	G.L. 755'
Glenn H. Barr, Charles W. Homann Francis C. Robison d/b/a Barr, Homann & Robison	Brian Baber #5	330'N 330'W SEc SW NE Sec. 9 13N 13W	424'	6-6-70	G.L. 685'
EDWARDS COUNTY					
Spartan Petroleum Co.	Totten Etal Comm. #1	350'S 350'W NEc SW Sec. 2 1N 10E	3311'	6-29-70	G.L. 442'
Alexander Eron d/b/a Acme Casing Pulling Co.	Gaede-Miller Comm. #1	330'N 660'W SEc NW SE Sec. 8 1N 10E	3276'	7-14-70	G.L. 397'
John M. Zanetis	H. Gentz #1	330'N 330'W SEc SW NE Sec. 15 1N 10E	3312'	10-29-70	G.L. 500'
Donald E. Schmitt	Bristow Heirs #1-A	330'S 330'W NEc SE NE Sec. 25 1N 10E	3298'	8-6-70	G.L. 497'
D. C. Thompson d/b/a D T Drilling Co.	Tarpley-Harden Comm. #1	330'S 330'W NEc Sec. 25 1N 10E	3257'	7-27-70	G.L. 453'
John M. Zanetis	Krajec-Cowling Comm. #1	810'N 330'W SEc Frac. NW Sec. 18 1N 11E	3255'	11-30-70	G.L. 483'
John M. Zanetis	E. Roby #1	330'N 330'E SWc NW NE Sec. 30 1N 11E	3060'	9-28-70	G.L. 475'
Donald Jones	Freeman Koehler #1-A	330'N 400'E SWc NW SE Sec. 8 1N 14W	1394'	5-6-70	G.L. 428'
Morgan U. Ward	John Lemke #1	330'S 330'E NWc SW SE Sec. 32 2N 14W	3116'	4-18-70	G.L. 462'
Bernard Podolsky	Colyer #1	330'N 330'E SWc SE Sec. 11 1S 10E	3358'	5-5-70	G.L. 464'
Ram Oil Corp.	Fred Racster #3	330'N 330'E SWc NW SE Sec. 18 1S 14W	3150'	2-3-70	G.L. 409'
Souther Triangle Oil Co.	Alma Rayl #1	330'N 330'W SEc NE NE Sec. 25 2S 10E	3237'	7-24-70	G.L. 477'
Gail Heath & Wilbur Ewing d/b/a/ Heath Oil Production	C. R. Smith #1	330'N 330'W SEc SW Sec. 15 2S 14W	3040'	1-28-70	G.L. 412'
Karchmer Pipe & Supply Co.	Walter L. Cowling #1	330'N 330'E SWc SE SW Sec. 20 2S 14W	3247'	7-22-70	G.L. 467'
Karchmer Pipe & Supply Co.	Walter L. Cowling #2	330'S 330'E NWc SE SW Sec. 20 2S 14W	3187'	4-16-70	G.L. 420'
John M. Zanetis	Cowling #4-B	330'N 330'E SWc SE NE Sec. 28 2S 14W	3065'	1-21-70	G.L. 433'
John B. Murvin	Jack #2	330'N 330'W SEc NE SW Sec. 28 2S 14W	3120'	5-6-70	G.L. 438'
John M. Zanetis	L. Siegert #1	330'N 330'W SEc SW SE NW Sec. 28 2S 14W	3006'	12-3-70	G.L. 440'

Omar Odle & Ruth Odle	Sam T. Wick #1	330'S 330'W NEc SW NW Sec. 29 2S 14W	3186'	10-28-70	G.L. 450'
Dee Drilling Co.	Virgil Jacobs #1	330'S 330'E NWc SW NW Sec. 8 3S 14W	3226'	10-20-70	G.L. 490'
EFFINGHAM COUNTY					
Rhea Fletcher	R. Martin #2	330'S 330'W NEc NW NW Sec. 10 6N 5E	2467'	8-21-70	G.L. 563'
Rhea Fletcher	C. W. Parks #1	330'N 330'W SEc SW NW Sec. 10 6N 5E	2553'	8-19-70	G.L. 561'
Rhea Fletcher	Richard Sinnickson #3-WS	330'S 330'W NEc SW NW Sec. 10 6N 5E	2555'	8-15-70	G.L. 547'
John F. Dunnill	Tonn-Jansen #1	330'N 330'W SEc NW Sec. 17 6N 5E	2464'	1-3-70	G.L. 566'
T. L. Lang	Byers #4	330'N 990'E SWc NE Sec. 20 6N 5E	2315'	7-2-70	G.L. 567'
Arthur Vandenbark	Kuhns #1	330'N 330'W SEc NW Sec. 20 6N 5E	2301'	6-8-70	G.L. 570'
N. A. Baldridge	Tom Stiffler Estate #1	990'S 330'W NEc NW Sec. 20 6N 5E	2302'	1-18-70	G.L. 572'
M. L. Niemeyer	W. Krueger #1	330'S 330'E NWc NE Sec. 5 6N 7E	2835'	11-14-70	G.L. 564'
Jet Oil Co.	General American Life Insurance Co. #1	330'N 330'W SEc SW SE Sec. 17 6N 7E	2952'	12-18-70	G.L. 557'
Jet Oil Co.	General American Life Insurance Co. #3	990'N 330'W SEc SW SE Sec. 17 6N 7E	2888'	12-19-70	G.L. 551'
Jet Oil Co.	Mellendorf #1	330'N 330'W SEc Sec. 17 6N 7E	2955'	12-29-70	G.L. 555'
Jet Oil Co.	Mellendorf #2	330'N 330'E SWc SE SE Sec. 17 6N 7E	2868'	12-17-70	G.L. 549'
Jet Oil Co.	Mellendorf #4	990'N 330'E SWc SE SE Sec. 17 6N 7E	2902'	12-11-70	G.L. 547'
Jet Oil Co.	Blunt #1	330'S 330'E NWc NE NE Sec. 20 6N 7E	2968'	12-21-70	G.L. 557.5'
Jet Oil Co.	Blunt #2	330'N 330'W SEc NW NE Sec. 20 6N 7E	2880'	12-8-70	G.L. 575.5'
Jet Oil Co.	Blunt #4	330'S 330'W NEc NW NE Sec. 20 6N 7E	2919'	12-10-70	G.L. 560'
R. H. Billingsley	Rinehart #4	330'S 330'E NWc SE NW Sec. 22 6N 7E	2949'	8-27-70	G.L. 560'
R. H. Billingsley	Stortzum #2-A	660'S 330'E NWc SW SE Sec. 22 6N 7E	2570'	8-27-70	G.L. 552'
R. H. Billingsley	Stortzum #4-A	330'S 330'W NEc NW SE Sec. 22 6N 7E	2573'	8-31-70	G.L. 560'
Thomas L. Lang	Parks Etal #1	330'S 330'E NWc SW SE Sec. 34 7N 5E	2302'	8-15-70	G.L. 541'
R. O. Wilson II	Rosina Hill Etal #1	330'N 330'E SWc Sec. 5 7N 6E	2180'	12-30-70	G.L. 581'
M. L. Niemeyer	Mary Funneman #1	330'N 330'W SEc NE NE Sec. 10 8N 6E	2633'	6-10-70	G.L. 609.1'
Jen Oil Co.	Uthell-Funneman Comm. #1	330'S 340'E NWc SE NW Sec. 11 8N 6E	2425'	6-12-70	G.L. 610'
Charles Armantrout	Spittler #1-A	990'S 330'W NEc Sec. 9 8N 7E	2557'	8-26-70	G.L. 600.6'
Robert B. Evans Oil Co.	Ray Dunterman #1	330'S 330'W NEc SE NW Sec. 23 9N 5E	2233'	5-14-70	G.L. 636.5'
Robert B. Evans Oil Co.	Ray Dunterman #2	580'N 990'W SEc NW Sec. 23 9N 5E	2233'	5-20-70	G.L. 637.6'
FAYETTE COUNTY					
Leland Monken	Miller-Clapp #1	330'S 330'E NWc SW NW Sec. 30 5N 1W	1428'	5-13-70	G.L. 496.4'
W. L. Belden	Kelly Etal #3	330'S 330'E NWc SW SE SE Sec. 19 6N 3E	1978'	8-6-70	G.L. 533.9'
Ernest Sherman	Wasser-Hazenfield Comm. #1	330'S 330'E NWc SW SW Sec. 28 7N 2E	1855'	8-22-70	G.L. 552'
L. B. Hoss Trust, Robert L. Hoss, Trustee	Nellie R. Buzzard #1	330'N 330'W SEc NE SW Sec. 3 7N 3E	1584'	4-30-70	G.L. 604'
L. B. Hoss Trust, Robert L. Hoss, Trustee	Nellie R. Buzzard #2	330'S 330'W NEc SW Sec. 3 7N 3E	1590'	5-1-70	G.L. 605'
L. B. Hoss Trust, Robert L. Hoss, Trustee	Nellie R. Buzzard #3-W	330'N 430'E SWc NE SW Sec. 3 7N 3E	1590'	5-5-70	G.L. 602'
L. B. Hoss Trust, Robert L. Hoss, Trustee	Nellie R. Buzzard #4-W	660'N 44'W SEc NE SW Sec. 3 7N 3E	1594'	4-30-70	G.L. 607'
L. B. Hoss Trust, Robert L. Hoss, Trustee	Nellie R. Buzzard #5	660'N 570'W SEc NE SW Sec. 3 7N 3E	1585'	4-30-70	G.L. 606'
W. L. Belden	Siebert #1	330'N 330'W SEc SE SW Sec. 3 7N 3E	1595'	5-13-70	G.L. 603'
W. L. Belden	J. H. Siebert #2-W	330'S 330'W NEc SE SW Sec. 3 7N 3E	1595'	5-12-70	G.L. 606'
W. L. Belden	Siebert #3	330'S 330'E NWc SE SW Sec. 3 7N 3E	1582'	5-6-70	G.L. 602.5'
W. L. Belden	J. H. Siebert #4-W	330'N 330'E SWc SE SW Sec. 3 7N 3E	1597'	5-8-70	G.L. 606'
W. L. Belden	M. Durbin #1	330'N 330'E SWc NE SE Sec. 4 7N 3E	1610'	6-11-70	G.L. 597'

WELLS PLUGGED IN 1970—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
W. L. Belden	M. Durbin #2	330'S 330'E NWc NE SE Sec. 4 7N 3E	1602'	6-3-70	G.L. 592'
W. L. Belden	M. E. Durbin #3	330'S 330'W NEc SE Sec. 4 7N 3E	1585'	6-10-70	G.L. 598'
Jarvis Bros. & Marcell, Inc.	Homan "A" #2	200'N 100'W SEc NE Sec. 31 7N 3E	1572'	9-2-70	G.L. 596'
Thomas E. Berry	Bill Reed #1	660'S 330'E NEc NE SE Sec. 31 7N 3E	1520'	6-9-70	G.L. 608'
Jarvis Bros. & Marcell, Inc.	Joseph Homan #A-1	200'N 100'E SWc NW Sec. 32 7N 3E	1575'	9-1-70	G.L. 598'
W. L. Belden	Unit 25 #8-W	1320'W NEc SW Sec. 25 8N 3E	1634'	6-9-70	G.L. 612'
Don Slape Operating Co.	T. C. Myers #3	330'S 330'W NEc SW Sec. 35 8N 3E	1597'	5-27-70	D.F. 611'
Don Slape Operating Co.	T. C. Myers #4	330'S 330'E NWc NW NE SW Sec. 35 8N 3E	1580'	5-29-70	....
Don Slape Operating Co.	Myers #8	330'S 330'E NWc SE SW Sec. 35 8N 3E	1600'	5-22-70	D.F. 609'
Don Slape Operating Co.	T. C. Myers #9	330'N 330'E SWc NE SW Sec. 35 8N 3E	1598'	5-28-70	D.F. 608'
Don Slape Operating Co.	Myers #10	330'N 330'W SEc NE SW Sec. 35 8N 3E	1598'	5-27-70	D.F. 613'
Smith Oil Co.	Edith K. Smith SWD #1	164'N 622'E SWc NE SE Sec. 35 8N 3E	1429'	12-5-70	G.L. 618'
Union Oil Company of California	Jennie Wright Trust #1	330'N 330'E SWc NE SE Sec. 26 9N 1W	2960'	6-4-70	G.L. 604'
FRANKLIN COUNTY					
Marvin Walker Est.	Plains #1-X SWD	330'N 330'W SEc SW NE Sec. 14 5S 2E	1625'	10-15-70	G.L. 402'
L. L. Tuck	Bolen #1-A	460'N 330'W SEc SW Sec. 20 5S 2E	2905'	7-8-70	G.L. 440.65'
Texas American Oil Corp.	E. S. Adkins-Vincenti #1	332.60'N 330.53'W SEc Sec. 35 5S 2E	2870'	10-13-70	D.F. 432'
Fletcher Farrar	Deputy Hrs. #4-E	330'S 330'W NEc SE Sec. 35 5S 2E	2677'	3-12-70	D.F. 388'
Texas American Oil Corp.	North Benton Unit #1	370'S 75'W NEc SE Sec. 35 5S 2E	2667'	10-13-70	G.L. 384'
H & W Oil Co., Inc.	Kate C. Adams "B" #1	330'N 330'E SWc NW SE Sec. 36 5S 2E	3700'	10-12-70	G.L. 392'
Texas American Oil Corp.	Owen Cummings #2	990'N 330'E SWc Sec. 36 5S 2E	2663'	9-20-70	D.F. 388'
Texas American Oil Corp.	Owen Cummings #3	330'S 330'W NEc SW SW Sec. 36 5S 2E	2798'	9-29-70	D.F. 390'
Texas American Oil Corp.	Cummings #4	330'N 330'E SWc SE SW Sec. 36 5S 2E	2749'	10-8-70	G.L. 415'
Texas American Oil Corp.	Cummings #6	360'S 400'E NWc SE SW Sec. 36 5S 2E	2811'	9-25-70	D.F. 392'
H & W Oil Co., Inc.	Eovaldi #1	583'N 330'W SEc SW Sec. 36 5S 2E	2694'	10-6-70	G.L. 405.7'
Texas American Oil Corp.	Wm. G. Eovaldi #1	330'N 330'E SWc Sec. 36 5S 2E	2726'	10-13-70	D.F. 416'
Texas American Oil Corp.	Stamper #1	330'N 330'E SWc NW SW Sec. 36 5S 2E	2674'	10-7-70	D.F. 393'
Eber McEndree	Alva Cook Heirs #1	407'N 339'W SEc SE SE NE Sec. 20 5S 3E	2955'	6-15-70	G.L. 484'
Texas American Oil Corp.	Kirk #1-E	330'S 330'E NWc Sec. 1 6S 2E	2846'	10-6-70	D.F. 426'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Westbrook "Q" #1	330'N 330'W SEc NE SE Sec. 20 6S 3E	2981'	5-3-70	G.L. 441'
Victor R. Gallagher	Zeigler Coal & Coke (Southwest Zeigler Account) #1	218'N 115'E SWc SE NW Sec. 26 7S 1E	2807'	4-15-70	G.L. 385'
Roger Boner, Administrator of the Estate of Ross Bartmes, Deceased	Clayton #3-B	80'S 230'W NEc SW SE Sec. 30 7S 3E	2888'	10-27-70	G.L. 394.58'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Franklin County Mining	330'N 330'W SEc NE NE Sec. 1 7S 4E	3278'	4-14-70	G.L. 567'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Ira E. Westbrook, Etal Trustee #2	330'S 330'W NEc Sec. 1 7S 4E	3267'	4-18-70	G.L. 546'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Ira E. Westbrook Etal Trustee #3	330'S 330'W NEc SE NE Sec. 1 7S 4E	3280'	4-8-70	G.L. 564'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Ira E. Westbrook Etal Trustee #4	330'N 330'E SWc NE NE Sec. 1 7S 4E	3244'	4-17-70	G.L. 553'

C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Westbrook #5	330'S 330'E NWc NW NE NE Sec. 1 7S 4E	3243'	7-30-70	D.F. 549'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Pankey Comm. #1	330'N 330'E SWc NE Sec. 11 7S 4E	3291'	8-1-70	G.L. 506'
GALLATIN COUNTY					
Texas American Oil Corp.	Cottonwood North Unit #1	330'S 330'W NEc NW Sec. 21 7S 9E	2676'	1-2-70	G.L. 396'
Texas American Oil Corp.	Cottonwood North Unit #4	330'N 330'E SWc NW NE Sec. 21 7S 9E	2620'	1-31-70	D.F. 396'
Texas American Oil Corp.	Cottonwood North Unit #6	330'S 330'E NWc SE NW Sec. 21 7S 9E	2675'	1-6-70	G.L. 415'
Texas American Oil Corp.	Cottonwood North Unit #7	330'S 330'W NEc SE NW Sec. 21 7S 9E	2658'	1-15-70	G.L. 400'
Texas American Oil Corp.	Cottonwood North Unit #8 (Formerly H. K. Hale #8)	330'S 330'E NWc SW NE Sec. 21 7S 9E	2678'	1-19-70	G.L. 410'
Texas American Oil Corp.	Cottonwood North Unit #11 (Formerly H. K. Hale #11)	330'N 330'W SEc NW Sec. 21 7S 9E	2684'	1-17-70	G.L. 415'
Texas American Oil Corp.	Cottonwood North Unit #13 (Formerly West #13)	330'N 330'W SEc SW NW Sec. 21 7S 9E	2666'	1-20-70	D.F. 412'
Texas American Oil Corp.	Cottonwood North Unit #14	330'S 330'W NEc NW SW Sec. 21 7S 9E	2648'	1-5-70	G.L. 392'
Texas American Oil Corp.	Cottonwood North Unit #16	330'S 330'W NEc SW Sec. 21 7S 9E	2662'	1-14-70	G.L. 403'
Texas American Oil Corp.	Cottonwood North Unit #45 (Formerly Hugh K. Hale #16)	330'S 330'E NWc NE NW Sec. 21 7S 9E	2983'	1-23-70	G.L. 394'
Texas American Oil Corp.	Cottonwood North Unit #46	330'N 330'W SEc NE NW Sec. 21 7S 9E	2918'	1-29-70	D.F. 396'
Texas American Oil Corp.	Cottonwood North Unit #47 (Formerly Hugh K. Hale #15)	990'S 330'E NWc NE NW Sec. 21 7S 9E	2964'	1-26-70	G.L. 391'
Texas American Oil Corp.	Cottonwood North Unit #48	330'S 380'E NWc SE NW Sec. 21 7S 9E	3103'	1-9-70	G.L. 415'
Texas American Oil Corp.	H. K. Hale #5	355'N 305'W SEc NE NW Sec. 21 7S 9E	2660'	1-27-70	D.F. 396'
Alva C. Davis Petroleum, Inc.	Gregg Heirs #1	330'S 330'W NEc SE SE Sec. 5 8S 8E	2812'	10-27-70	D.F. 357'
Alva C. Davis Petroleum, Inc.	Gregg Heirs #2	330'N 330'W SEc Sec. 5 8S 8E	2703'	10-31-70	D.F. 357'
Shawnee Exploration Co.	Willard Moye #1	330'N 330'W SEc Sec. 13 8S 8E	1763'	12-23-70	G.L. 375'
Tamarack Petroleum Co., Inc.	Drone #1	330'S 330'W NEc SE SW Sec. 33 8S 9E	1571'	11-24-70	G.L. 373'
Tamarack Petroleum Co., Inc.	Drone #2	330'N 330'W SEc NE SW Sec. 33 8S 9E	160'	9-3-70	G.L. 375'
Coy Oil, Inc.	Robert Fred Davis #3	330'S 330'E NWc NE SW Sec. 34 8S 9E	1590'	9-5-70	G.L. 380'
Coy Oil, Inc.	Lillis Moye Etal #1-A	330'S 380'E NWc NE Sec. 6 8S 10E	2800'	7-15-70	D.F. 371'
T. L. Clark	Alfred Rister #1	330'S 330'W NEc NW Sec. 10 9S 9E	2717'	8-21-70	D.F. 359'
HAMILTON COUNTY					
Tipps Casing Pulling Co.	Hall #1	330'N 330'E SWc Sec. 20 3S 7E	3417'	6-18-70	G.L. 394'
Tipps Casing Pulling Co.	Milton Fields #1	330'S 330'E NWc SW Sec. 29 3S 7E	3417'	6-29-70	G.L. 387'
Tipps Casing Pulling Co.	Garrison #1	330'N 330'E SWc NE NW Sec. 29 3S 7E	3422'	7-1-70	G.L. 394'
Sam Tipps	Henry Garrison #1	330'N 330'E SWc NW NE Sec. 29 3S 7E	3412'	9-1-70	G.L. 393'
Tipps Casing Pulling Co.	L. Hall #1	330'S 330'W NEc NW NW Sec. 29 3S 7E	3449'	6-24-70	G.L. 396'
Tipps Casing Pulling Co.	L. Hall #4	330'N 330'W SEc NW NW Sec. 29 3S 7E	3417'	5-20-70	
Tipps Casing Pulling Co.	L. Hall #7	660'S 330'E NWc Sec. 29 3S 7E	3440'	5-10-70	G.L. 382'
Tipps Casing Pulling Co.	Hall #3	330'N 330'W SEc NE NE Sec. 30 3S 7E	3414'	6-8-70	G.L. 393'
John G. Irvin & Hazel Irvin d/b/a Irvin Oil Co.	J. A. Lynch #3	330'S 330'W NEc NW SE Sec. 16 4S 7E	3470'	7-30-70	G.L. 393'
John G. Irvin & Hazel Irvin d/b/a Irvin Oil Co.	J. A. Lynch #5	330'N 330'W SEc NW SE Sec. 16 4S 7E	3465'	7-29-70	G.L. 402'
John G. Irvin & Hazel Irvin d/b/a Irvin Oil Co.	J. A. Lynch #6	330'S 330'E NWc SE Sec. 16 4S 7E	3291'	8-4-70	G.L. 392'

WELLS PLUGGED IN 1970—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
John G. Irvin & Hazel Irvin d/b/a Irvin Oil Co.	J. A. Lynch #7	330'N 330'E SWc NW SE Sec. 16 4S 7E	3320'	7-30-70	G.L. 409'
Fletcher F. Farrar	Ralph Tucker #1	360'N 330'E SWc NW Sec. 26 5S 6E	3250'	9-12-70	G.L. 390'
Fletcher F. Farrar	Tucker #3	330'N 330'W SEc SW NW Sec. 26 5S 6E	3225'	9-14-70	G.L. 394'
David F. Herley	McDonald #1	330'N 330'E SWc SE Sec. 32 5S 6E	3250'	11-23-70	G.L. 523'
Union Oil Company of California	Union Central #1	330'N 330'W SEc Sec. 36 5S 6E	3035'	8-19-70	G.L. 382'
Union Oil Company of California	Union Central Life Ins. Co. #2	330'S 330'E NWc SE SE Sec. 36 5S 6E	3085'	8-11-70	G.L. 383'
Union Oil Company of California	Union Central Life Ins. Co. #3	330'S 330'W NEc SE SE Sec. 36 5S 6E	3085'	8-10-70	G.L. 385'
Union Oil Company of California	Union Central Life Ins. Co. #4	330'N 330'W SEc NW SE Sec. 36 5S 6E	3003'	8-15-70	G.L. 387'
Union Oil Company of California	Union Central Life Ins. Co. #4-W	5'N 35'W SEc NW SE Sec. 36 5S 6E	3025'	8-22-70	G.L. 382'
Union Oil Company of California	Union Central Life Ins. Co. #5	330'S 330'W NEc SW SE Sec. 36 5S 6E	2997'	8-12-70	G.L. 382'
Union Oil Company of California	Union Central Life Ins. Co. #7	330'N 330'W SEc SW SE Sec. 36 5S 6E	2975'	8-14-70	G.L. 382'
Robert Bohrer & Noble Hall	Boyer #1	369'S 330'W NEc SW Sec. 29 5S 7E	3364'	10-26-70	D.F. 394'
Ram Oil Corp.	Hunt #W-6	330'N 330'W SEc NW NE Sec. 11 6S 5E	3246'	12-19-70	G.L. 532'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Biggs #1	990'N 330'E SWc NW NW Sec. 19 6S 5E	3299'	4-16-70	G.L. 523'
Texas American Oil Corp.	Mary E. Parks "B" #1	330'S 330'W NEc SE Sec. 34 6S 5E	3549'	9-22-70	G.L. 565'
Texas American Oil Corp.	Mary E. Parks B-#2	330'N 405'W SEc NE SE Sec. 34 6S 5E	3465'	9-19-70	G.L. 553'
Frank W. King, Jr.	W. M. R. Cottingham #2	330'S 330'W NEc Sec. 9 6S 6E	3066'	6-13-70	G.L. 410'
Frank W. King, Jr.	Wm. R. Cottingham #4	330'N 330'W SEc NE NE Sec. 9 6S 6E	3059'	6-15-70	G.L. 404'
Frank W. King, Jr.	Cottingham #5	330'S 330'E NWc NE NE Sec. 9 6S 6E	3076'	5-13-70	G.L. 416'
E. H. Kaufman	Cecil Hayes #5	330'N 330'E SWc SE SW Sec. 18 6S 6E	3168'	11-20-70	G.L. 465'
E. H. Kaufman	Cecil Hayes #6	330'N 330'W SEc SW SW Sec. 18 6S 6E	3222'	11-10-70	D.E. 521'
E. H. Kaufman	Hayes #W-8	15'N 30'W SEc SW Sec. 18 6S 6E	3161'	10-2-70	G.L. 441'
E. H. Kaufman	Hayes #W-9	25'N SWc SE SW Sec. 18 6S 6E	3238'	11-17-70	G.L. 534'
E. H. Kaufman	Hayes #10	450'S 450'W NEc SE SW Sec. 18 6S 6E	3300'	11-27-70	G.L. 448'
Stewart Producers, Inc.	Craddock-Arms #1	330'S 330'E NWc SW NW Sec. 19 6S 6E	3160'	10-15-70	G.L. 438'
Stewart Producers, Inc.	Craddock-Arms #2 W.I.	330'N 330'E SWc NW Sec. 19 6S 6E	3156'	10-17-70	G.L. 430'
Stewart Producers, Inc.	Craddock-Arms #6	330'S 330'W NEc SW NW Sec. 19 6S 6E	3166'	10-22-70	G.L. 445'
E. H. Kaufman	Hayes #W-1	330'N 330'E SWc NE NW Sec. 19 6S 6E	3168'	11-30-70	G.L. 453'
E. H. Kaufman	Cecil Hayes #2	330'S 330'W NEc NW Sec. 19 6S 6E	3154'	10-29-70	G.L. 440'
E. H. Kaufman	Cecil Hayes #4	330'S 330'E NWc NW NE Sec. 19 6S 6E	3200'	11-4-70	G.L. 484'
E. H. Kaufman	Lockwood #1	330'S 330'E NWc NE Sec. 19 6S 6E	3161'	10-26-70	G.L. 436'
E. H. Kaufman	Lockwood #W-2	780'S 40'E NWc NE Sec. 19 6S 6E	3159'	9-29-70	G.L. 437'
E. H. Kaufman	Lockwood #3	330'N 330'E SWc NW NE Sec. 19 6S 6E	3163'	10-22-70	G.L. 432'
E. H. Kaufman	T. L. Qualls #1	330'S 330'W NEc NW NW Sec. 19 6S 6E	3222'	11-13-70	D.F. 529'
E. H. Kaufman	T. L. Qualls #2	330'S 330'E NWc Sec. 19 6S 6E	3172'	11-19-70	G.L. 477'
Chris Pearson, Sr.	Hicks #1	330'N 330'E SWc Sec. 22 6S 6E	3200'	6-12-70	G.L. 389'
Texas American Oil Corp.	Lee #1-A	990'S 963'W NEc NW Sec. 27 6S 6E	3098'	6-15-70	G.L. 384'
Chris Pearson, Sr.	Russell #1	330'S 330'W NEc SE NE Sec. 32 6S 6E	3347'	9-16-70	G.L. 465'
Texaco, Inc.	N. J. Beagle #1	330'S 582'E NWc SW SE Sec. 6 6S 7E	3570'	8-24-70	G.L. 376'
A. Eron d/b/a Acme Casing Pulling Co.	Shirley Neel #1	330'N 330'E SWc NE NW Sec. 8 6S 7E	3060'	12-15-70	G.L. 373'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Cardwell #1	330'N 330'W SEc SW Sec. 5 7S 5E	3268'	12-11-70	G.L. 548'

C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Carter #1	330'S 330'W NEc SW SE Sec. 5 7S 5E	3244'	12-16-70	G.L. 522'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Sallie Waller Etal #3	330'N 330'E SWc SE SE Sec. 5 7S 5E	3248'	12-23-70	G.L. 528'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	C. E. Bowen #1	330'S 330'E NWc Sec. 6 7S 5E	3266'	7-28-70	D.F. 539'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Charles E. Bowen #2	330'N 330'E SWc NW NW Sec. 6 7S 5E	3267'	4-10-70	G.L. 554'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Walter Mace Etal #1	330'N 330'W SEc NW SW Sec. 9 7S 5E	3353'	9-30-70	G.L. 612'
HANCOCK COUNTY					
Forest E. Groves	Metzger #1	330'S 330'W NEc SE Sec. 13 4N 5W	413'	1-30-70	G.L. 510'
John E. Carlson	Cecil White #1	330'N 330'W SEc NE Sec. 16 5N 5W	606'	5-22-70	G.L. 625'
HENDERSON COUNTY					
John E. Carlson	Raymond Gerhardt #1	330'N 330'E SWc Sec. 14 8N 4W	460'	5-28-70	G.L. 755'
JACKSON COUNTY					
Texaco, Inc.	G. G. Steele NCT-1- #1	660'S 660'W NEc Sec. 18 7S 2W	3290'	8-7-70	G.L. 391'
Texaco, Inc.	Eleanor Williamson #1	330'S 330'E NWc NE SW Sec. 20 8S 3W	2797'	8-18-70	G.L. 689'
JASPER COUNTY					
John M. Zanetis	Kelley #1	330'N 330'E SWc SE SE Sec. 1 5N 9E	2971'	6-16-70	
John M. Zanetis	P. Kelly #2	330'S 330'E NWc SE SE Sec. 1 5N 9E	2977'	6-10-70	
Walter K. Howard	P. Horneckel #A-1	330'N 330'E SWc NW NE Sec. 3 5N 9E	3078'	5-21-70	G.L. 547'
Walter K. Howard	P. Horneckel #2-A	330'S 990'W NEc NW NE Sec. 3 5N 9E	3084'	5-29-70	G.L. 551'
Walter K. Howard	Wm. Lourance #1	330'N 330'E SWc NE Sec. 3 5N 9E	3072'	5-27-70	G.L. 544'
Walter K. Howard	Lourance #2	330'S 330'E NWc NW SW NE Sec. 3 5N 9E	3072'	5-26-70	
Everett M. Bangert	Della Harvey #4	330'N 330'W SEc NW NE Sec. 12 5N 9E	2990'	6-26-70	G.L. 527.5'
Everett M. Bangert	Huddlestun #1	330'N 330'W SEc Sec. 12 5N 9E	2940'	7-30-70	G.L. 514'
John M. Zanetis	I. L. Blair & M. Birk Cons. #1	330'N 330'E SWc Sec. 14 5N 9E	3065'	5-4-70	G.L. 491'
John M. Zanetis	M. J. Huss #1	330'S 330'E NWc SE SE Sec. 22 5N 9E	3110'	10-10-70	G.L. 503'
John M. Zanetis	Keller-Ochs #1	990'N 330'E SWc Sec. 4 5N 10E	3290'	11-21-70	G.L. 469'
Union Oil Company of California	H. F. Craig #1	671'N 1005'E SWc Sec. 20 5N 10E	2872'	12-18-70	G.L. 483'
John M. Zanetis	O. C. Strutner #1	330'N 330'W SEc NE NE Sec. Frac. 18 5N 11E	2946'	8-21-70	G.L. 477'
John M. Zanetis	Strutner #2	490'S 330'W NEc Sec. 18 5N 11E	2945'	7-8-70	G.L. 473'
National Associated Petroleum Co.	Othel V. Mendenhall "A"- #1	330'S 330'W NEc NW Sec. 22 5N 14W	2895'	5-22-70	G.L. 445'
Springman-Van Fossan	Norbert Ochs #1	330'N 330'E SWc SE NE Sec. 25 6N 9E	3003'	5-18-70	G.L. 567.1'
Walter K. Howard	C. H. Donsbach #1	330'N 465'E SWc NW SE Sec. 34 6N 9E	3093'	5-19-70	D.F. 556'
F. M. Minor Drilling Co.	G. Dallmier #1-A	330'S 330'E NWc SE Sec. 15 6N 10E	2790'	7-21-70	G.L. 497'
Martin Heimrich	E. Hahn #4	660'N 330'W SEc SW SE Sec. 15 6N 10E	2807'	9-23-70	G.L. 507'
Walter K. Howard	Albert Antey Etal #1	330'N 330'W SEc NW Sec. 18 6N 10E	2983'	5-29-70	G.L. 523'
Bell Brothers	Lillie Dees #1	660'S 660'W NEc SW NW Sec. 20 6N 10E	2860'	5-8-70	G.L. 524'
Triple "B" Oil Producers, Inc.	Edwin Smithenry #2	330'N 330'E SWc Sec. 21 6N 10E	3070'	4-20-70	G.L. 506'
John M. Zanetis	V. Ochs #1	330'N 330'W SEc SW NW Sec. 22 6N 10E	2925'	8-5-70	G.L. 512'
John M. Zanetis	H. J. Zuber #1	330'N 990'E SWc NW SW Sec. 26 6N 10E	2809'	9-2-70	G.L. 510'

WELLS PLUGGED IN 1970—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
Black & Black Oil	G. Kistner #1	330'S 330'E NWc SE SE Sec. 29 6N 10E	2854'	5-30-70	G.L. 512'
John M. Zanetis	Mattingly #2-A	330'N 330'E SWc SE SE Sec. 31 6N 10E	2858'	1-23-70	G.L. 520'
John M. Zanetis	Mattingly #3-A	330'S 330'E NWc SE SE Sec. 31 6N 10E	2899'	3-9-70	G.L. 518'
John M. Zanetis	J.C. Clapp #2	330'S 330'W NEc NW SW Sec. 32 6N 10E	2914'	7-8-70	D.F. 519'
Rural Oil Producers, Inc.	St. Mary's Catholic Church #1	330'S 330'E NWc NE SE Sec. 33 6N 10E	2865'	10-15-70	G.L. 504'
Donald E. Schmitt	Hal Staley #1	330'S 330'E NWc Sec. 24 7N 9E	2995'	10-19-70	G.L. 546'
Bangert Casing Pulling Corp.	Eva Richards #1	330'S 330'W NEc NW SE Sec. 35 7N 9E	2937'	5-21-70	G.L. 504'
Bangert Casing Pulling Corp.	Adam Reisner #1	330'N 330'E SWc NE SE Sec. 16 7N 10E	2750'	6-9-70	G.L. 488'
Robinson Production, Inc.	Harrison #1-A	660'N 330'E SWc SE Sec. 23 7N 10E	2890'	7-11-70	G.L. 526'
Howard E. Cleff	Gordon Ferguson Comm. #1	990'S 330'W NEc NW Sec. 25 7N 10E	2673'	4-13-70	G.L. 518'
R. L. Van Fossan	Gibbons #1	330'S 330'W NEc SE NW Sec. 34 7N 10E	3016'	12-8-70	G.L. 529'
National Associated Petroleum Co.	G. Schottman #1	330'S 330'E NWc SE Sec. 8 8N 8E	2770'	11-17-70	G.L. 587'
Schaefer Oil Co.	Bartol #1-A	340'N 330'E SWc SE SW Sec. 28 8N 9E	2809'	8-13-70	G.L. 526'
Schaefer Oil Co.	Nora Hester #1	330'N 330'E SWc SE NW Sec. 28 8N 9E	2823'	8-22-70	G.L. 518'
Schaefer Oil Co.	Lee "C" #1	330'N 330'E SWc NE SW Sec. 28 8N 9E	2822'	8-19-70	G.L. 568'
Schaefer Oil Co.	Emery Strole #2	330'S 330'W NEc SW SW Sec. 28 8N 9E	2848'	2-27-70	G.L. 567'
Schaefer Oil Co.	Perry Kibler #1	330'S 330'W NEc Sec. 32 8N 9E	2858'	3-2-70	D.F. 570'
Schaefer Oil Co.	Perry Kibler #2	330'N 330'W SEc NE NE Sec. 32 8N 9E	2894'	3-11-70	G.L. 565'
Schaefer Oil Co.	Parker #1	330'S 330'E NWc SE NE Sec. 32 8N 9E	2918'	8-1-70	G.L. 571'
Schaefer Oil Co.	Cyril Parker #2	330'N 330'W SEc NE Sec. 32 8N 9E	2952'	2-21-70	G.L. 568'
Schaefer Oil Co.	C. H. Woodard #1	330'S 330'W NEc SE Sec. 32 8N 9E	2875'	8-18-70	G.L. 571'
Schaefer Oil Co.	C. H. Woodard #2	330'N 330'W SEc NE SE Sec. 32 8N 9E	2900'	4-13-70	G.L. 568'
Schaefer Oil Co.	Beard-Kibler #1	330'S 330'E NWc Sec. 33 8N 9E	2852'	8-14-70	G.L. 552'
Schaefer Oil Co.	Bloemker-Linthicum #1	330'S 330'E NWc SW Sec. 33 8N 9E	2949'	8-17-70	G.L. 573'
Schaefer Oil Co.	Guy Isley #1	330'S 330'E NWc SW SW Sec. 33 8N 9E	2886'	3-14-70	D.F. 571'
Duane Saxe & Robert Harris	H. H. Hunt #1	820'S 330'E NWc Sec. 27 8N 10E	2630'	9-5-70	G.L. 555'
Partlow & Cochonour	W. A. Freeland Comm. #2	338'S 330'E NWc NE Sec. 4 8N 14W	1178'	8-5-70	G.L. 568'
Partlow & Cochonour	W. A. Freeland-Walnut Chanel Cemetery Comm. #2	330'N 330'E SWc NW NE Sec. 4 8N 14W	1192'	8-7-70	G.L. 564'
JEFFERSON COUNTY					
David F. Herley	C. C. Copeland #1	330'S 330'W NEc SE SW Sec. 12 1S 1E	2230'	8-8-70	G.L. 549.6'
E. Homer Jahn	Lillie Minor #2	330'S 330'W NEc SE NE Sec. 25 1S 3E	3209'	7-29-70	G.L. 511'
E. Homer Jahn	Padgett #1	370'N 330'E SWc SE NE Sec. 29 1S 3E	2672'	6-17-70	G.L. 436'
National Associated Petroleum Co.	Clyde Beal #1	990'S 330'E NWc NE NE Sec. 30 1S 3E	2886'	10-29-70	G.L. 534'
David F. Herley	Mason #2	330'N 330'E SWc SE NW SW Sec. 7 1S 4E	3168'	5-14-70	G.L. 466'
Robert H. Evans	Maggie Knauss #1	330'N 330'E SWc NW SW Sec. 16 1S 4E	3261'	11-13-70	G.L. 500'
Herman S. Graham	G. R. Bourland #1	345'N 330'E SWc NE NE Sec. 25 2S 1E	.....	11-30-70	.....
Herman S. Graham	Watkins Well	330'S 330'W NEc SE SW NE Sec. 25 2S 1E	2000'	11-25-70	.....
Herman S. Graham	Watkins #1	330'S 330'E NWc NE Sec. 25 2S 1E	2000'	11-24-70	.....
Herman S. Graham	O. Watkins #1	356'S 330'W NEc NW NE Sec. 25 2S 1E	2000'	11-21-70	.....
Herman S. Graham	O. Watkins Etal #3	330'S 330'W NEc SW NE Sec. 25 2S 1E	2000'	11-25-70	.....
Paul V. Harris	Anna Wood #2	330'S 330'E NWc SE Sec. 11 2S 4E	2990'	7-31-70	G.L. 434'
Fletcher F. Farrar	Henry #3	990'S 330'W NEc SE Sec. 13 2S 4E	2956'	12-13-70	G.L. 486'
Bert Wilson	Ray Wilson #1	330'N 330'W SEc SW SW Sec. 22 2S 4E	3072'	6-29-70	G.L. 515'

T. L. Clark	N. M. Adams #1	990'N 330'W SEc NE SW Sec. 34 3S 3E	2728'	5-15-70	G.L. 437'
T. L. Clark	N. Adams #4	330'S 330'E NWc NE SW Sec. 34 3S 3E	2757'	5-13-70	G.L. 450'
Elmer Novak	Burnett-Shelton #1	330'N 330'W SEc SW SW Sec. 3 3S 4E	3033'	7-16-70	
Fletcher F. Farrar	Muddy #1	1650'S 990'E NWc Sec. 9 4S 2E	3470'	7-27-70	G.L. 406'
Fletcher F. Farrar	Jeff #1	455'N 330'W SEc NW SE Sec. 23 4S 2E	3512'	7-8-70	G.L. 412'
Fletcher F. Farrar	Jeff #2-W	200'S 100'E NWc SE Sec. 23 4S 2E	3521'	7-22-70	G.L. 415'
Fletcher F. Farrar	Jeff #3	230'S 330'E NWc NE SE Sec. 23 4S 2E	2816'	7-3-70	G.L. 406'
Fletcher F. Farrar	Jeff #4	330'N 990'E SWc NE Sec. 23 4S 2E	2828'	7-6-70	G.L. 410'
Fletcher F. Farrar	Jeff #5-W	455'N 330'W SEc NE SE Sec. 23 4S 2E	3511'	7-24-70	G.L. 404'
Fletcher F. Farrar	Jeff #6	220'N 440'W SEc NW Sec. 23 4S 2E	2836'	7-23-70	G.L. 418'
Fletcher F. Farrar	Karber #1	330'S 330'E NWc SE SE Sec. 23 4S 2E	3500'	7-9-70	G.L. 407'
Fletcher F. Farrar	Karber SWD #1	348'S 134'E NWc SE SE Sec. 23 4S 2E	1050'	7-27-70	G.L. 409'
Texas American Oil Corp.	Gilbert #1	330'S 360'E NWc NE SW Sec. 25 4S 2E	3260'	7-14-70	D.F. 397'
Texas American Oil Corp.	Gilbert #2	330'N 330'E SWc NW SW Sec. 25 4S 2E	3260'	7-18-70	G.L. 391'
Texas American Oil Corp.	Gilbert #3	330'N 330'W SEc NW Sec. 25 4S 2E	2794'	7-11-70	G.L. 396'
Texas American Oil Corp.	Gilbert #4	330'S 330'W NEc SW Sec. 25 4S 2E	2803'	7-10-70	G.L. 395'
Texas American Oil Corp.	Gilbert #8	330'S 330'E NWc SE SW Sec. 25 4S 2E	3021'	7-17-70	G.L. 396'
Texas American Oil Corp.	Threlkheld #"B"-1	330'N 330'E SWc Sec. 25 4S 2E	3038'	7-16-70	D.F. 396.5'
Texas American Oil Corp.	Threlkheld #C-1	330'S 330'E NWc SE Sec. 26 4S 2E	3250'	7-21-70	G.L. 406'
Nick Babare	Smith Heirs Etal #1	330'S 330'E NWc NE Sec. 35 4S 2E	3247'	8-14-70	G.L. 391'
JERSEY COUNTY					
John Carlson	John W. Quirk #1	330'N 330'E SWc NW NE Sec. 3 8N 10W	1447'	4-10-70	G.L. 576'
KANKAKEE COUNTY					
H. E. A. Oil Co.	Hoffman #1	330'N 330'W SEc SW SE Sec. 11 31N 9E	380'	12-1-70	G.L. 580.99'
LAWRENCE COUNTY					
Duane Saxe & Robert Harris	Ralph Akin #1	2263'S 330'W NEc Loc. 161 Sec. 7 2N 11W	2095'	12-5-70	G.L. 476'
Duane Saxe & Robert Harris	Charline Atkinson #1	4188'S 330'E NWc of Loc. 157 Sec. 8 2N 11W	3732'	12-4-70	G.L. 457'
Duane Saxe & Robert Harris	Ravellette #1	330'N 330'E SWc SE NW Sec. 8 2N 11W	2161'	12-7-70	G.L. 442'
E. L. Whitmer, Inc.	Emma Highsmith #1	330'N 330'W SEc SW NE Sec. 9 2N 11W	1863'	8-15-70	G.L. 406'
Bauer Brothers	All States Life Insurance Co. #5	170'N 330'E SWc NW NE Sec. 22 2N 11W	1770'	8-7-70	G.L. 407'
Harold Brinkley	G. Christy #1	1650'N 990'E SWc NE SW Sec. 3 2N 12W	2026'	7-6-70	G.L. 455'
Herman E. Brinkley	Simms #1	990'N 330'E SWc Sec. 10 2N 12W	1521'	7-23-70	G.L. 441'
Herman E. Brinkley	Gillespie #3	330'N 330'E SWc NW NW Sec. 11 2N 12W	1310'	1-27-70	G.L. 452'
Charles E. Carr	Augustus Knight #W-4	20'S 660'E NWc NE Sec. 11 2N 12W	975'	12-19-70	G.L. 449'
Charles E. Carr	Augustus Knight #0-8	450'S 530'E NWc NE Sec. 11 2N 12W	968'	12-16-70	G.L. 449'
Herman E. Brinkley	P. Young #1	330'N 330'E SWc SE NW Sec. 11 2N 12W	2600'	7-21-70	G.L. 437'
Charles E. Carr	Cummer #1-A	330'S 330'W NEc NW SE NW Sec. 17 2N 12W	1565'	12-24-70	G.L. 408'
Charles E. Carr	King Heirs #4-A	990'S 330'W NEc SW NW Sec. 17 2N 12W	1565'	12-30-70	G.L. 426'
National Associated Petroleum Co.	Herschel Fiscus #1	990'S 330'E NWc NE Sec. 3 2N 13W	2650'	1-19-70	G.L. 514'
National Associated Petroleum Co.	Libbie Fiscus #1	330'S 330'W NEc NW Sec. 3 2N 13W	2662'	6-27-70	G.L. 515'
National Associated Petroleum Co.	Libbie Fiscus #2	330'S 330'E NWc NE NW Sec. 3 2N 13W	2680'	6-25-70	G.L. 517'
National Associated Petroleum Co.	Moore-Bennet Comm. #1	330'S 330'W NEc NW SW Sec. 10 2N 13W	2664'	6-3-70	G.L. 478.3'
E. L. Whitmer, Inc.	Lloyd Bennett Comm. #1	330'N 330'W SEcNE SE Sec. 16 2N 13W	2722'	7-10-70	G.L. 462.2'
E. L. Whitmer, Inc.	Lloyd Bennett #3-A	330'N 330'E SWc SE NE Sec. 16 2N 13W	2681'	7-8-70	G.L. 441.7'
Shanoro Oil, Inc.	Moore #2	330'S 330'W NEc NW SE Sec. 16 2N 13W	2722'	11-19-70	G.L. 469'

WELLS PLUGGED IN 1970—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
Charles E. Carr	O. A. Siegle #2	330'S 330'W NEc SE NW Sec. 23 2N 13W	2607'	1-21-70	G.L. 495'
Charles E. Carr	Wolf-Schonert #1	330'S 330'E NWc SE Sec. 23 2N 13W	2670'	5-27-70	G.L. 491'
Cherokee Oil Ltd.	Roy Griesemer #1	330'S 330'W NEc SE SE Sec. 29 2N 13W	2755'	4-30-70	G.L. 446'
E.L. Whitmer, Inc.	Anthis-Emison #1	330'N 330'W SEc NE SW Sec. 15 3N 11W	1874'	10-14-70	G.L. 412.2'
E. L. Whitmer, Inc.	H. L. Mahrenholz #1	330'S 330'E NWc NE SE Sec. 22 3N 11W	1900'	10-16-70	G.L. 408'
Edward C. Steckler	J. J. Earnst #1	330'S 330'E NWc SW Sec. 29 3N 11W	1919'	6-29-70	
A. E. Zipfel d/b/a Zipco Oil Co.	Leighty Heirs #1	330'N 330'E SWc Sec. 29 3N 11W	1925'	6-23-70	G.L. 451'
Payne Brothers	Snyder #1	200'S 200'E NEc NW Sec. 30 3N 11W	1635'	4-6-70	
Hubert W. Rose	Biehl #2	330'N 330'E SWc NE Sec. 32 3N 11W	1750'	5-26-70	G.L. 411'
Marathon Oil Co.	S. N. Cooper a/c 1 #53	330'S 330'E NWc SE NW Sec. 5 3N 12W	935'	10-22-70	G.L. 503'
Edward C. Steckler	Tate Etal Comm. #1	330'N 405'E SWc NE Sec. 13 3N 12W	1851'	11-12-70	G.L. 430'
John M. Zanetis	Wm. Gillespie #2-B	660'S 330'E NWc SW SE Sec. 15 3N 12W	1810'	9-15-70	G.L. 428'
John M. Zanetis	Wm. Gillespie #"B" W-2	330'N 1850'W SEc Sec. 15 3N 12W	1863'	9-11-70	G.L. 440'
John M. Zanetis	Wm. H. Gillespie Etal Comm. #4	330'S 330'W NEc SE SW Sec. 15 3N 12W	1852'	9-10-70	G.L. 435'
John M. Zanetis	Wm. Gillespie #5-W	10'N 10'W SEc SW Sec. 15 3N 12W	1819'	9-22-70	G.L. 438'
Wayne Smith Operator, Inc.	E. J. Seed #23	SW SW SW Sec. 15 3N 12W	1658'	6-1-70	G.L. 482'
Wayne Smith Operator, Inc.	E. J. Seed #22	SE NE SE Sec. 16 3N 12W	1616'	8-4-70	
W. H. Kinsell	Allison #2	330'S 330'W NEc SE SW Sec. 18 3N 12W	2708'	6-27-70	G.L. 506'
E. L. Whitmer, Inc.	Stivers Heirs #1-A	330'N 330'E SWc SE Sec. 18 3N 12W	1917'	7-7-70	G.L. 520.2'
Delma Santoro d/b/a Santoro Oil Co.	W. Sager #1-B	1650'N 330'E SWc SE Sec. 19 3N 12W	1944'	6-30-70	G.L. 470'
Bernard Podolsky	M. L. Calvert #7	330'S 960'W NEc NW Sec. 22 3N 12W	1640'	7-20-70	G.L. 440'
Junior Wolfe d/b/a Illinois Oil Co.	William Finley #5 BW	660' 10'E NWc NE NW Sec. 25 3N 12W	1750'	3-8-70	G.L. 499'
Marathon Oil Co.	W. E. Robins a/c 2 #27	800'S 400'W NEc SE Sec. 27 3N 12W	1450'	12-15-70	G.L. 499'
Marathon Oil Co.	W. A. Gould #36	220'S 650'E NWc SW NE Sec. 35 3N 12W	1784'	8-21-70	
National Associated Petroleum Co.	Clark #1	330'S 2310'W NEc SE Sec. 2 3N 13W	2274'	2-12-70	G.L. 553'
Don Slape Operating Co.	Earl Brown #1	330'N 330'W SEc NW Sec. 14 3N 13W	2318'	8-13-70	G.L. 489'
Don Slape Operating Co.	Daily-Scherer #1	330'S 330'E NWcSE Sec. 14 3N 13W	2097'	8-17-70	G.L. 492'
Raymond Brinkley	Wiggins #1	330'S 330'E NWc NE NW Sec. 14 3N 13W	2188'	8-13-70	G.L. 456'
Don Slape Operating Co.	Ash #1	330'N 330'E SWc NE Sec. 24 3N 13W	2237'	7-3-70	D. F. 490'
Ridgedale Oil & Gas Co., Inc.	Neal-Petty Comm. #1	330'N 330'E SWc NW NW Sec. 24 3N 13W	2162'	7-17-70	G.L. 490'
Aimco, Inc.	M. Hixon #1	990'S 330'W NEc NW NE Sec. 27 3N 13W	2632'	3-27-70	G.L. 544'
National Associated Petroleum Co.	Viola Gassert #1	990'S 990'W NEc Sec. 28 3N 13W	2754'	1-31-70	G.L. 527'
National Associated Petroleum Co.	Ray Van Gilder #1	330'S 950'W NEc Sec. 33 3N 13W	2710'	1-24-70	G.L. 476'
E. L. Whitmer, Inc.	Paul Woodrow Bennett #2-A	330'S 330'W NEc SE SW Sec. 34 3N 13W	2710'	3-26-70	G.L. 520.2'
National Associated Petroleum Co.	Libbie-Fiscus-French Fiscus Comm. #1	330'N 330'E SWc SE Sec. 34 3N 13W	2664'	4-20-70	G.L. 516'
E. L. Whitmer, Inc.	Gladys Kirkpatrick Etal #1-A	330'N 330'E SWc NE Sec. 34 3N 13W	2610'	4-18-70	G.L. 520.2'
E. L. Whitmer, Inc.	Frances E. Heddy #1-A	330'N 330'E SWc SE SW Sec. 35 3N 13W	2479'	5-5-70	G.L. 483.7'
Marathan Oil Co.	F. P. Eshelman #19	180'S 510'W NEc NE NW Sec. 29 4N 12W	1634'	11-27-70	
Marathan Oil Co.	Oliver Baltzell #20	550'N 660'W SEc SW NE Sec. 30 4N 12W	954'	4-28-70	
Dae V. Love	F. Baltzell #2	330'N 330'W SEc NE NW Sec. 2 4N 13W	1655'	12-7-70	G.L. 436'
Dae V. Love	F. B. Baltzell #0-7	330'N 330'E SWc NE NW Sec. 2 4N 13W	1670'	12-5-70	G.L. 428'
Cherokee Oil Ltd.	Leona Wagner #1	330'S 330'E NWc SW SW Sec. 15 4N 13W	2277'	5-8-70	G.L. 461'
National Associated Petroleum Co.	Daisy Mae Jones #1	330'S 330'W NEc SE Sec. 18 4N 13W	2690'	1-1-70	G.L. 444'
National Associated Petroleum Co.	Mason #1	330'N 660'E SWc SW NW Sec. 28 4N 13W	2554'	2-12-70	G.L. 501'
Marathon Oil Co.	George J. Stoltz #27	330'S 820'E NWc NE Sec. 36 4N 13W	1685'	9-9-70	G.L. 499'

Getty Oil Co.	J. J. Griffin #A-15	160'S 1051'W NEc NW NW Sec. 29 5N 11W	907'	6-15-70	G.L. 440'
Curtis Companies	Kimmel-Smith #1	330'N 330'E SWc NW NW Sec. 25 5N 13W	1750'	4-4-70	G.L. 434.2'
LOGAN COUNTY					
James D. Heldt	Helton & Wessel #1	330'N 330'W SEc NW Sec. 7 18N 2W	1594'	2-16-70	G.L. 613'
James D. Heldt	E. K. Brooker #1	330'N 330'E SWc NW NE Sec. 8 18N 2W	1588'	11-22-70	G.L. 596.5'
McDONOUGH COUNTY					
Miller Oil & Gas Co.	Whitlock #1	330'N 330'E SWc SE Sec. 17 5N 4W	1030'	4-16-70	G.L. 651'
Miller Oil & Gas Co.	Webb Comm. #1	330'S 660'E NWc NW SW Sec. 21 5N 4W	1270'	5-7-70	G.L. 672'
MACOUPIN COUNTY					
Merle Kuehling	Beck #1	330'N 330'W SEc NW SE Sec. 34 9N 8W	443'	2-25-70	G.L. 600'
Frank Bolin	Eliason #1	349'N 520'E SWc SW Sec. 35 9N 8W	563'	5-19-70	G.L. 622'
Paul V. Harris	E. Malham #1	330'N 330'W SEc NW SE Sec. 2 10N 6W	573'	11-19-70	G.L. 635'
Paul V. Harris	Mullen #1	330'N 330'W SEc SE SE SW Sec. 2 10N 6W	560'	11-30-70	G.L. 630'
Paul V. Harris	Carlinville National Bank #1	330'S 330'E NWc NE Sec. 11 10N 6W	560'	12-1-70	G.L. 628'
MADISON COUNTY					
John P. Potsch	George Buehler "A" #1	330'S 330'W SEc NE NW Sec. 26 5N 7W	1610'	5-24-70	G.L. 499'
John P. Potsch	Barnsback "A" #1	330'S 330'W NEc NW Sec. 35 5N 7W	1629'	5-24-70	G.L. 521'
John P. Potsch	John F. & Edith M. Vieth #1	330'S 330'W NEc NW NW Sec. 35 5N 7W	1645'	5-24-70	G.L. 520'
Carl Wilson	Sievers #2	330'S 330'E NWc SW Sec. 16 6N 6W	565'	8-27-70	G.L. 590'
Carline Wilson	Hunecke #1	330'N 330'E SWc NW Sec. 17 6N 6W	568'	11-14-70	G.L. 596'
Carline Wilson	Hunecke #1	1780'S 654'E NWc Sec. 17 6N 6W	572'	11-12-70	G.L. 596'
Carline Wilson	Adolph Hunecke #4	662'N 365'E SWc NW Sec. 17 6N 6W	575'	11-16-70	G.L. 596'
Carline Wilson	Hunecke #8	495'N 670'E SWc NW Sec. 17 6N 6W	575'	11-13-70	G.L. 596'
Carline Wilson	Hunecke #10	1630'S 962'E NWc Sec. 17 6N 6W	573'	11-12-70	G.L. 596'
Howard E. Cleff	Kerin #2	330'N 990'E SWc NE NE Sec. 34 6N 6W	610'	6-21-70	G.L. 555'
Howard E. Cleff	Hampton Best #12	990'N 330'E SWc NW Sec. 35 6N 6W	812'	6-17-70	G.L. 544'
Howard E. Cleff	Robert Jones Comm. #1	330'S 330'E NWc SW Sec. 35 6N 6W	586'	6-9-70	G.L. 561'
MARION COUNTY					
Texaco, Inc.	L. O. Meyer #B #2	330'N 380'E SWc SE NE Sec. 3 1N 1E	1928'	5-14-70	D.F. 469'
Nick Babare	M & I Railroad #4	Block 86 SW ¼ Sec. 18 1N 1E	1253'	9-8-70	G.L. 495'
Fred Seip	Silas Copple #1	330'N 330'W SEc NW Sec. 29 1N 1E	852'	7-2-70	
Fred Seip	Copple #3	330'S 330'E NWc NE SW Sec. 29 1N 1E	856'	7-2-70	......
National Associated Petroleum Co.	Orville L. Charlton #"B" 1	330'N 330'W SEc SW Sec. 4 1N 3E	2784'	10-27-70	G.L. 554'
Ego Oil Co., Inc.	Thomas Goostree Etal #1	330'N 990'W SEc SW NE Sec. 11 1N 3E	2820'	6-29-70	G.L. 574'
Mrs. C. R. Winn & Clarence E. Winn d/b/a C. R. Winn Drilling Contractor	Virl Bartels #1	330'S 330'W NEc SW SW Sec. 28 1N 4E	2958'	7-5-70	G.L. 533'
Fletcher F. Farrar	Rosa Meador #1	330'N 330'W SEc NW NE Sec. 29 1N 4E	2948'	7-15-70	D.F. 499'
Fletcher F. Farrar	Rosa Meador #2	330'S 330'E NWc NE Sec. 29 1N 4E	2952'	7-8-70	D.F. 511'
Fletcher F. Farrar	Rosa Meador #3	330'N 330'W SEc NE NW Sec. 29 1N 4E	2900'	7-9-70	D.F. 470'
Fletcher F. Farrar	Agnes Sandy #1	330'S 330'E NWc SE NE Sec. 29 1N 4E	2954'	7-14-70	D.F. 522'
Peter S. Smalley	Mann #1	330'S 330'E NWc SE Sec. 19 2N 1E	1600'	9-9-70	G.L. 485'
Peter S. Smalley	Mann #1-A	330'S 330'E NWc SE Sec. 19 2N 1E	3200'	10-30-70	G.L. 485'

WELLS PLUGGED IN 1970—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
C. T. Hunt	Marion Coal Company #2	630'S 255'W NEc NW NW Sec. 32 2N 1E	600'	5-20-70	G.L. 483'
E. E. Flippin	Overbeck #2	390'N 350'W SEc NW Sec. 32 2N 1E	620'	8-13-70	.....
E. E. Flippin	Overbeck #3	250'N 160'W SEc NW Sec. 32 2N 1E	620'	8-13-70	.....
Texaco, Inc.	T. Fisher #11 (Tract 3)	330'N 330'W SEc NE Sec. 4 2N 2E	2185'	3-10-70	D.F. 561'
Ego Oil Co., Inc.	Thomas #1	330'N 330'W SEc NE SE Sec. 8 2N 4E	2749'	9-1-70	G.L. 506'
Rhea Fletcher	Erwin Wiehle #1	330'S 330'E NWc SW Sec. 18 2N 4E	2830'	5-18-70	D.F. 528'
Joe Simpkins Oil Developments	Langenfeld "C" #11	330'N 330'W SEc NE Sec. 5 3N 1E	1482'	11-26-70	G.L. 496'
MONROE COUNTY					
J. L. Jefferis	Frank & Marie Hoffman #1	468'N 343'W SEc NW SE Sec. 18 3S 10W	515'	4-7-70	G.L. 757'
MONTGOMERY COUNTY					
Dillman and Bunge	Raymond White Etal #1	330'N 990'E SWc NW SW Sec. 23 7N 4W	830'	7-7-70	G.L. 593'
PERRY COUNTY					
Fletcher F. Farrar	Fisher #1	330'N 330'E SWc NW SE Sec. 7 4S 1W	1360'	11-28-70	G.L. 503'
N. A. Baldridge	Marlow and Lemmon Comm. #1	120'N 200'W SEc NE Sec. 32 4S 1W	1185'	8-10-7	
Paul I. Ezell	Olga Callis #1	450'N 461'E SWc NE Sec. 24 4S 2W	.....	5-22-70	.....
Oilfield Research, Inc.	K. G. Klotz #1	330'N 330'E SWc SW SW SE Sec. 1 4S 3W	3195'	1-15-70	G.L. 501.1'
Leonard E. Bixby	Miller #1	330'S 330'W NEc NW Sec. 31 4S 4W	3507'	12-10-70	G.L. 526.2'
Carroll Morris	Raymond Sherman #1	330'S 330'E NWc SW SW Sec. 3 5S 1W	1188'	9-19-70	G.L. 485'
Leonard E. Bixby	Hampleman #2	330'N 330'W SEc Sec. 4 5S 1W	1160'	8-26-70	G.L. 474.1'
Cecil W. Newcomb	Irl Hampleman #1	330'S 330'W NEc NW NE Sec. 9 5S 1W	1185'	9-7-70	G.L. 491'
Cy-Pres Oil Co.	Russell Hampleman #1	330'S 330'W NEc SE NE Sec. 9 5S 1W	1168'	8-16-70	G.L. 474'
PIKE COUNTY					
Jackson Oil Corp.	Karl W. Meisenbach #1	330'S 330'E NWc NE NE Sec. 20 6S 2W	412'	12-28-70	G.L. 655'
RANDOLPH COUNTY					
Bufay Oil Co.	Finley Heirs #1	990'S 330'W NEc NE Sec. 22 4S 6W	2100'	12-28-70	G.L. 479'
Illinois Power Co.	Lyle Heirs #1	330'N 330'E SWc SE SW Sec. 16 5S 5W	948'	9-2-70	G.L. 453'
Paulette Ledbetter	Clyde Stephens Comm. #1	330'S 330'W NEc SE SE Sec. 26 5S 7W	493'	7-24-70	G.L. 518'
T. R. Kerwin	H. Liefer #1	300'S 990'E NWc SW SW Sec. 20 5S 8W	1425'	12-2-70	G.L. 601.5
RICHLAND COUNTY					
Central Drilling Co.	H. Fryman #1	330'S 330'E NWc NE NW Sec. 1 2N 8E	3102'	6-23-70	G.L. 444'
Shawn Oil Co.	Evans #1	330'S 330'E NWc SE NW Sec. 7 2N 9E	3100'	9-19-70	G.L. 440'
Joe McGuire & William L. Haeberle d/b/a Mt. Carmel Drilling Co.	Wm. Hicks #1	339'N 330'E SWc NW SW Sec. 29 2N 10E	3351'	11-12-70	G.L. 437'
Bangert Casing Pulling Corp.	McGregor #1	660'N 330'W SEc Sec. 30 2N 10E	3310'	3-11-70	G.L. 428'

Southern Triangle Oil Co.	Wm. Higgins #1	330'N 330'E SWc SE SE Sec. 24 2N 14W	2926'	8-7-70	G.L. 470'
Shawnee Petroleum Associates, Inc.	E. Van Blaricum #1	330'N 330'W SEc NW Sec. 36 3N 8E	3128'	8-10-70	G.L. 445'
Shawnee Petroleum Associates, Inc.	E. Van Blaricum #1-A	405'N 375'W SEc NW Sec. 36 3N 8E	3652'	8-6-70	G.L. 446'
J. W. Rudy Co.	H. Foss #1	330'N 330'W SEc NW NE Sec. 8 3N 9E	3570'	11-17-70	G.L. 480'
Berlin C. Runyon	M. J. Prather #1	330'S 210'W NEc NW SW Sec. 14 3N 9E	3020'	8-12-70	G.L. 442'
Edwin L. Siess	W. Warren Comm. #1	1074'N 789'E SWc SE NE Sec. 17 3N 9E	3549'	12-23-70	G.L. 475'
Frank H. Keoughan & Jack O. Keoughan d/b/a Keoughan Bros. Well Servicing	South Noble Cons.-A. M. Earnst #1	665'S 827'E NWc Frac. NW Sec. 31 3N 9E	2982'	11-13-70	
N. A. Baldridge	R. Paddock #B-1	330'S 330'W NEc SW Sec. 9 3N 10E	4910'	7-15-70	G.L. 524'
N. A. Baldridge	R. Paddock #A-3	329'N 330'W SEc NW Sec. 9 3N 10E	3102'	7-10-70	G.L. 425'
Springman-Van Fossan Partners Ltd.	Hutchings #1	330'N 330'E SWc SE SW Sec. 33 3N 10E	3230'	4-19-70	G.L. 435'
Aimco, Inc.	R. L. Taylor #1	990'N 330'E SWc Sec. 2 3N 14W	3183'	4-7-70	G.L. 536'
Aimco, Inc.	Dennie Mowrer #1	360'S 330'W NEc SW NE Sec. 16 3N 14W	3558'	10-5-70	G.L. 504'
Aimco, Inc.	C. H. Bayler #1	330'N 330'E SWc SE NW Sec. 17 3N 14W	3324'	10-13-70	G.L. 506'
Aimco, Inc.	Boley-Grove Comm. #1-A	300'S 330'W NEc SE Sec. 18 3N 14W	3248'	9-29-70	G.L. 509'
Triple "B" Oil Producers, Inc.	E. Heckler #2	330'S 660'W NEc NW SE Sec. 18 3N 14W	3250'	9-30-70	G.L. 509'
Lowell & Leon Hagen	C. Hixon #1	330'N 330'W SEc SW SE Sec. 22 3N 14W	3255'	8-21-70	G.L. 517'
Triple "B" Oil Producers, Inc.	C. Hixon #1	330'N 330'E SWc NE SW Sec. 22 3N 14W	3243'	4-20-70	G.L. 494'
RK Petroleum Corp.	Lester Caudell Etal #1	330'N 330'W SEc SW NW Sec. 26 3N 14W	3229'	6-17-70	G.L. 499'
Lyle Gilliatt	George H. Boone #2	345'S 335'W NEc SW Sec. 28 3N 14W	3232'	4-17-70	G.L. 473'
Springman-Van Fossan	Crites #1	330'S 330'W NEc SE NW Sec. 28 3N 14W	3243'	5-28-70	G.L. 487'
Ives Boisvert d/b/a Ives Oil Producers	C. Crites #1	330'N 330'E SWc NE NE Sec. 28 3N 14W	3250'	3-9-70	G.L. 488'
Lyle Gilliatt	Oren Poling #1	330'S 330'E NWc SW SE Sec. 28 3N 14W	3250'	6-29-70	G.L. 486'
Lyle Gilliatt	Jackie Umfleet Etal #1	330'N 330'E SWc NE SE Sec. 28 3N 14W	3248'	3-29-70	G.L. 493'
RK Petroleum Corp.	Rolla Fisher #1	990'S 1650'W NEc SW Sec. 31 3N 14W	3259'	7-10-70	G.L. 515'
RK Petroleum Corp.	Rolla Fisher #2	990'S 990W NEc SW Sec. 31 3N 14W	3255'	11-12-70	G.L. 512'
Ives Boisvert d/b/a Ives Oil Producers	Crites #3	330'S 330'W NEc NW NW Sec. 34 3N 14W	3250'	3-9-70	D.F. 498'
Ives Boisvert d/b/a Ives Oil Producers	Provines #1	330'S 330'E NWc SE NW Sec. 34 3N 14W	3700'	6-27-70	G.L. 476'
Aimco, Inc.	O. Sessengood #1	330'S 330'W NEc SE Sec. 7 4N 9E	3194'	1-10-70	G.L. 470'
Carmax Industries, Inc.	Moore #1	330'N 330'E SWc SE NW Sec. 13 4N 9E	3249'	5-6-70	G.L. 536'
Duane Saxe & Robert Harris	Murray Heirs "B" #1	330'N 330'E SWc SE NW Sec. 6 4N 10E	2862'	12-28-70	G.L. 482.75'
John B. Murvin	Dietrich #1	330'N 330'W SEc NE NE Sec. 11 4N 10E	3159'	10-14-70	G.L. 501'
John M. Zanetis	M. Fiock #1	660'S 330'W NEc NW NW Sec. 14 4N 10E	3070'	1-27-70	G.L. 477'
Texaco, Inc.	J. Fleming #1	330'N 660'E SWc SE Sec. 15 4N 10E	3476'	3-16-70	G.L. 470'
Donald E. Schmitt	Seeley-Crosby Comm. #1-A	330'N 330'E SWc NE SW Sec. 16 4N 10E	3000'	11-24-70	G.L. 433'
Delma Santoro d/b/a Santoro Oil Co.	Fahs Heirs #4	330'N 990'W SEc NE NE Sec. 21 4N 10E	3029'	6-26-70	G.L. 447'
Noknil Oil Co.	Anna Nuding #1	339'N 660'W SEc NE NE Sec. 6 4N 11E	3055'	7-21-70	G.L. 513'
Bridgeport Drilling Co.	Sterchi Heirs #1	330'N 330'E NWc SW NW Sec. 6 4N 14W	3032'	8-4-70	G.L. 498'
Southern Illinois Oil Producers, Inc.	C. Haynes #1	330'N 330'E SWc NE NW Sec. 29 5N 10E	3146'	5-22-70	G.L. 479'
John B. Murvin	Benson-Kermicle #1	330'S 660'W NEc SE SE Sec. 30 5N 10E	2906'	5-25-70	G.L. 465'
M. L. Van Fossan	Kermicle #1	330'N 330'E SWc NW SE Sec. 31 5N 10E	3090'	11-5-70	G.L. 476'
Burt Burrow	Mt. Gilead Church Trustees #1	330'S 330'W NEc Sec. 31 5N 10E	2902'	6-17-70	G.L. 476'
G. L. Chapman & Tom L. Smith d/b/a Bridgeport Drilling Co.	Earl I. Cumre #1	660'S 330'W NWc SE NE Sec. 34 5N 10E	2943'	8-31-70	G.L. 470'
J. W. Rudy Co.	Stiff #C-1 WFI	330'N 2210'E SWc Sec. 34 5N 10E	2927'	10-26-70	G.L. 449'
J. W. Rudy Co.	Stiff #5	330'N 1650'E SWc Sec. 34 5N 10E	2949'	10-6-70	G.L. 467'
J. W. Rudy Co.	Stiff #6	330'N 990'E SWc Sec. 34 5N 10E	2948'	10-1-70	G.L. 470'
Noknil Oil Co.	Jablonski-Sterchi #1	990'S 660'W NEc SE SE Sec. 31 5N 11E	3053'	7-25-70	D.F. 517'

WELLS PLUGGED IN 1970—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
ST. CLAIR COUNTY					
C. R. Larson	Frye #8	Sec. 33 1N 10W	550′	5-6-70	G.L. 452′
Illinois Power	E. J. Stoneman #9	98′S 6′W NEc NW SE Sec. 32 1S 7W	335′	6-14-70	G.L. 470′
Thomas L. Lang	A. Sahnhidrich #1	330′N 330′E SWc SW NW Sec. 23 2S 6W	2055′	9-3-70	G.L. 417′
James H. Donnewald	Hotz #1	330′N 330′W SEc Sec. 20 3S 6W	1778′	4-29-70	G.L. 421.29′
Joe Dann	L. E. Nagel #1	330′N 1650′W SEc NE Sec. 23 3S 6W	2097′	5-17-70	G.L. 426.5′
Joseph A. Dann	R. Lehman #1	990′S 330′E NWc SW Sec. 26 3S 6W	2085′	11-27-70	G.L. 507.5′
Roy Schneidewind	T. McHatton #1	330′S 330′W NEc SW SE Sec. 27 3S 6W	2050′	8-24-70	G.L. 482.5′
C. T. Dewett, Jr.	August Sivek #1	330′N 330′W SEc NW NW Sec. 35 3S 6W	2026′	7-22-70	G.L. 482′
SALINE COUNTY					
E. E. Morris	Agnes Campbell #1	330′N 990′W SEc SW Sec. 16 8S 5E	3000′	3-19-70	G.L. 410′
Eugene E. Morris	Madge Malone #1	330′N 330′E SWc SE SW Sec. 20 8S 5E	2999′	4-18-70	G.L. 420′
Illinois Mid-Continent Co.	Dick Gann #1	330′S 330′E NWc SE NE Sec. 20 8S 6E	2872′	7-7-70	D.F. 385′
Illinois Mid-Continent Co.	Garrison #2	330′N 330′W SEc NE NE Sec. 20 8S 6E	2879′	7-8-70	D.F. 390′
Zipco Oil Co.	Clara Barrett #1	1050′S 330′W NEc NW SW Sec. 7 8S 7E	3113′	6-18-70	G.L. 438′
Ed. C. Rust	Fowler Unit #1	350′N 440′E SWc NE SW Sec. 9 8S 7E	2939′	5-11-70	D.F. 403′
Ed. C. Rust	Henry Fowler Unit #2	380′S 660′E NWc NE SW Sec. 9 8S 7E	2367′	5-12-70	G.L. 395′
Har-Ken Oil Co.	Cook-Speer #W-8	500′N 330′W SEc NE SW Sec. 15 8S 7E	2150′	10-30-70	G.L. 398′
Har-Ken Oil Co.	Cook-Speer #W-9	330′S 330′W NEc SW Sec. 15 8S 7E	2153′	10-30-70	G.L. 402′
Har-Ken Oil Co.	Cook-Speer #W-12	330′N 330′E SWc NE SW Sec. 15 8S 7E	2154′	10-30-70	G.L. 395′
Har-Ken Oil Co.	Cook-Speer #W-13	330′S 330′E NWc NE SW Sec. 15 8S 7E	2285′	11-20-70	G.L. 402′
Har-Ken Oil Co.	Aubry Giles #1	330′S 330′W NEc SW NW Sec. 15 8S 7E	3105′	11-20-70	
Har-Ken Oil Co.	Lassater #W-1	330′N 330′E SWc NE Sec. 15 8S 7E	2636′	11-19-70	G.L. 410′
Har-Ken Oil Co.	Plumlee Comm. #W-14	230′N 330′W SEc NW SW Sec. 15 8S 7E	2180′	11-19-70	G.L. 397′
Har-Ken Oil Co.	Stevens #W-11	310′N 310′W SEc NW Sec. 15 8S 7E	2245′	11-19-70	G.L. 405′
Louis Kapp	Burns #1	330′S 330′E NWc SW NW Sec. 16 8S 7E	2366′	7-3-70	
A. E. Zipfel d/b/a Zipco Oil Co.	Morris Etal 1	330′N 970′W SEc NE SW Sec. 18 8S 7E	3084′	6-19-70	G.L. 451.5′
A. E. Zipfel d/b/a Zipco Oil Co.	McDonald Heirs #1	330′S 990′E NWc Sec. 19 8S 7E	1985′	6-17-70	G.L. 455′
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Pankey Unit #1	50′S 330′E NWc Sec. 10 9S 5E	2824′	6-28-70	G.L. 424′
Fossil Fuels, Inc.	James Milligan #1	330′N 330′E SWc NW Sec. 26 10S 7E	2100′	6-26-70	G.L. 400′
SANGAMON COUNTY					
Homeier Oil Associates	Walker #2	330′N 330′E SWc Sec. 6 14N 3W	1723′	10-24-70	
Homeier Oil Associates	Walker #4	330′S 330′E NWc SW SW Sec. 6 14N 3W	1725′	10-23-70	G.L. 588.7′
Homeier Oil Associates	Kunz #1	330′S 330′W NEc SE Sec. 2 14N 4W	1717′	9-21-70	G.L. 590′
E. F. Atkins & E. O. Hale d/b/a Atkins & Hale	Nave-Walters Comm. #1	330′S 330′W NEc SE SE Sec. 2 14N 4W	1750′	5-29-70	G.L. 588.5′
Lewis Foster	Sgro #4-C	330′S 1485′W NEc SE Sec. 17 14N 4W	1728′	8-29-70	G.L. 557′
Helm Petroleum Co.	Tobin #1	467′S 283′W NEc NW NW Sec. 17 14N 4W	1759′	10-22-70	G.L. 590.5′
Bangert Casing Pulling Corp.	Blakely #4	330′S 330′E NWc SW SW Sec. 20 14N 4W	1727′	4-17-70	G.L. 597.2′

Bangert Casing Pulling Corp.	Connolly Comm. #1	330'S 693.3'W NEc SW Sec. 20 14N 4W	1726'	4-21-70	G.L. 587.5'
W. Carl White	Newcomb #1	330'N 330'W SEc NW SW Sec. 3 15N 2W	1837'	11-17-70	G.L. 562'
Merle Kuehling	Fred Bell #1	330'N 330'W SEc SE Sec. 6 15N 2W	1809'	6-2-70	G.L. 550'
Midland Oil Development Co., Inc.	Raymond F. Kent #1	330'N 990'W SEc Sec. 2 15N 3W	1826'	7-25-70	G.L. 596'
Dwight Beckham	Morris #10	660'N 330'W SEc SW NW Sec. 3 15N 3W	1785'	5-15-70	G.L. 592.5'
Homeier Oil Associates	Munson #1-H	330'S 330'E NWc SW NE Sec. 9 15N 3W	1760'	3-3-70	G.L. 546'
Homeier Oil Associates	Munson #6	660'S 330'E NWc NE SE Sec. 9 15N 3W	1756'	8-15-70	G.L. 550'
J. W. Miloncus d/b/a M & N Oil Co.	Taft #4	330'S 330'E NWc SW Sec. 10 15N 3W	1750'	12-30-70	G.L. 541.5'
Hutchco Drilling Co.	Dowdell #1	480'S 330'E NWc SE SE Sec. 12 15N 3W	1820'	12-17-70	G.L. 550.2'
McKinney & Funderburk	Bell #1	330'S 330'E NWc NE SE Sec. 14 15N 3W	1828'	11-5-70	G.L. 576.8'
Homeier Oil Associates	Bartsokas #1	330'S 330'W NEc NW NE Sec. 16 15N 3W	1787'	1-14-70	G.L. 559'
Homeier Oil Associates	Smith #1	330'S 330'W NEc SE NW Sec. 16 15N 3W	1754'	5-5-70	G.L. 562.3'
Homeier Oil Associates	Fling Comm. #1	390'N 330'E SWc SE Sec. 17 15N 3W	1719'	7-22-70	G.L. 581'
John Carey Oil Co.	Springfield Marine Bank #1-A	990'N 330'E SWc Sec. 19 15N 3W	1770'	7-14-70	G.L. 588'
H. K. Pratt	Fling #2	330'S 498'W NEc NW NE Sec. 20 15N 3W	1796'	6-26-70	G.L. 585.4'
M M & S Oil	L. S. McCosh #1	330'S 330'E NWc NE SE Sec. 32 15N 3W	1774'	4-6-70	G.L. 591.8'
Midland Oil Development Co., Inc.	Fairchild #4	330'S 330'W NEc SE SW Sec. 11 15N 4W	1650'	2-20-70	G.L. 578.5'
Helm Petroleum Co.	Fairchild #2-A	330'S 330'E NWc SE SW Sec. 13 15N 4W	1755'	3-16-70	G.L. 584.9'
Helm Petroleum Co.	Poffenberger #3	330'S 330'E NWc SW SW Sec. 13 15N 4W	1703'	10-20-70	G.L. 483.7'
Helm Petroleum Co.	Coe #1	330'N 330'E SWc NE SW Sec. 14 15N 4W	975'	10-5-70	G.L. 579.5'
William B. Hudson	Coe #2	330'S 330'W NEc NW SW Sec. 14 15N 4W	1671'	10-20-70	G.L. 581.2'
John Carey Oil Co.	Herndon #1	330'S 330'E NWc SE NE Sec. 23 15N 4W	1725'	2-9-70	G.L. 583.5'
Aladdin Oil Development Co.	Max Heimer #1-B	330'S 330'E NWc SW SW Sec. 23 15N 4W	1724'	11-7-70	G.L. 579.4'
John Carey Oil Co.	Braner #1	330'S 330'W NEc NW SE Sec. 24 15N 4W	1739'	4-11-70	G.L. 587.7'
John Carey Oil Co.	Springfield Marine Bank #2	330'S 330'W NEc SE Sec. 24 15N 4W	1762'	1-28-70	G.L. 584.6'
R & D Development	Rentschler #1-A	330'S 330'E NWc SE SW Sec. 34 15N 4W	1669'	10-22-70	G.L. 545.7'
Comanche Oil Corp.	Marine Bank-Smith #1	330'S 660'E NWc Sec. 35 15N 4W	1688'	10-25-70	G.L. 578.4'
John Carey Oil Co.	Carl Brooks #1	330'N 330'W SEc NE NE SW Sec. 32 16N 3W	1767'	8-4-70	G.L. 591'
J. U. Dodge	Virgil Hallford #1	990'N 330'E SWc SE NW Sec. 34 16N 4W	1653'	3-25-70	G.L. 515.9'
SCHUYLER COUNTY					
Arthur M. Scroggin	Mills #2	330'S 405'E NWc NW SW Sec. 19 2N 1W	758'	12-30-70	G.L. 675'
SHELBY COUNTY					
Robert H. Evans	Vernon Barrow #1	330'S 330'W NEc Sec. 23 10N 6E	2500'	1-21-70	G.L. 634.1'
John P. Potsch	Benjamin J. Kramer "A" #1	330'S 330'E NWc SW Sec. 5 11N 2E	1656'	4-12-70	G.L. 673'
Leo L. Cordes	Paul T. Roessler #1	330'S 330'W NEc Sec. 8 11N 3E	1843'	5-25-70	G.L. 598'
Cletus E. Netemeyer	O. Shearer #1	330'S 330'E NWc Frac. Sec. 19 13N 2E	2445'	8-31-70	G.L. 630.5'
UNION COUNTY					
Sherman Drilling Co., Inc.	Dossett #1	330'S 330'W NEc NW SE Sec. 9 13S 2W	1078'	5-22-70	G.L. 465'
WABASH COUNTY					
Robert L. Dayson	Kenneth Sanders #1	330'N 660'E SWc NE Sec. 6 1N 11W	1462'	1-18-70	G.L. 402'
Joe W. Young, Trustee	Harrison Buchanan	600'S 200'E NWc NW Sec. 10 1N 11W	1500'	5-13-70	
Forest Oil Corp.	Biehl 60 AC #3	200'S 200'W NEc NE NE Sec. 4 1N 12W	1430'	9-3-70	
Forest Oil Corp.	Litherland #2	270'S 480'E NEc SW SE Sec. 4 1N 12W	1488'	9-3-70	
Royalco, Inc.	Clara E. Adams #1	1430'N 2426'E SWc Sec. 13 1N 12W	2145'	4-2-70	G.L. 472'

WELLS PLUGGED IN 1970—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
Royalco, Inc.	Clara E. Adams #2	1435'N 2762'E SWc Sec. 13 1N 12W	2140'	4-14-70	
Royalco, Inc.	Clara E. Adams #3	869'N 40'E SWc SE Sec. 13 1N 12W	2123'	4-7-70	D.F. 467'
Royalco, Inc.	Clara Adams #4	811'N 392'W SEc SW Sec. 13 1N 12W	2140'	4-13-70	G.L. 470'
Royalco, Inc.	N. Marcotte #4-D	269'N 132'W SEc SW Sec. 13 1N 12W	2124'	4-17-70	G.L. 413'
Royalco, Inc.	Van C. Wright #1	1520'N 730'E SWc SE Sec. 13 1N 12W	2139'	4-20-70	D.F. 484'
Royalco, Inc.	Van Wright #2	937'N 669'E SWc SE Sec. 13 1N 12W	2140'	4-9-70	D.F. 471'
Royalco, Inc.	Van Wright #4-W	242'S 242'W NEc SW SE Sec. 13 1N 12W	2103'	7-31-70	D.F. 439'
Robert L. Dayson	J. F. Schmitt #3	630'N 654'E SWc NW NW Sec. 20 1N 12W	1593'	7-28-70	G.L. 449'
Royalco, Inc.	John Breen #1	270'S 330'W NEc NW Sec. 24 1N 12W	2045'	4-22-70	G.L. 474'
Royalco, Inc.	Nora Marcotte #1-A	330'S 330'E NWc NE Sec. 24 1N 12W	2080'	4-15-70	
Southern Triangle Oil. Co.	Partee #2	330'N 330'E SWc NW SE Sec. 29 1N 12W	2180'	7-17-70	G.L. 419'
Southern Triangle Oil Co.	C. M. Partee #3	330'N 330'W SEc NW SE Sec. 29 1N 12W	2076'	10-23-70	G.L. 420'
B. R. Duncan	Risley #1	330'S 330'E NWc SW SW Sec. 29 1N 12W	2042'	4-13-70	G.L. 422'
B. R. Duncan	Risley #2	330'N 330'E SWc NW SW Sec. 29 1N 12W	2388'	4-14-70	D.F. 422'
Walter Pigorsch	Ralph Stoltz #2	330'N 330'E SWc NW Sec. 26 1N 13W	2675'	10-27-70	G.L. 495'
Walter Pigorsch	Ralph Stoltz #3	330'S 660'E NWc SW NW Sec. 26 1N 13W	2693'	10-28-70	G.L. 493'
Robert L. Dayson	C. O. Laman #1	330'S 330'E NWc SE NE Sec. 33 2N 12W	2398'	12-31-70	G.L. 449'
Dayton F. Loeffler	Peter-Clark Comm. #1	330'S 330'W NEc SE NW Sec. 36 2N 12W	1537'	8-12-70	G.L. 425'
National Associated Petroleum Co.	A. G. Smith #1	330'N 330'E SWc SE SE Sec. 32 2N 13W	2858'	3-4-70	G.L. 507'
L. S. Dennis	Chester Gabbard #1	330'N 330'W SEc NE Sec. 33 2N 13W	2757'	6-5-70	G.L. 501'
L. S. Dennis	Lotus Perrott #1	310'N 330'E SWc NE NE Sec. 33 2N 13W	2659'	6-8-70	G.L. 506'
Illinois Lease Operating, Inc.	Shaw-Courter #1	330'S 330'W NEc SE Sec. 7 1S 12W	2431'	6-13-70	D.F. 467'
Illinois Lease Operating, Inc.	Trapp Comm. #1	380'N 330'E SWc Sec. 8 1S 12W	2347'	6-22-70	D.F. 432'
H & H Oil Co., Inc.	Charles Chapman #6	330'S 330'E NWc NE NW Sec. 18 1S 12W	2080'	9-10-70	G.L. 440'
H & H Oil Co., Inc.	William Chapman #1	984'S 702'E NWc Sec. 18 1S 12W	1755'	9-9-70	G.L. 422'
Southern Triangle Oil Co.	Mary Hake #1	330'N 330'E SWc SE NW Sec. 4 1S 13W	2660'	8-11-70	
Southern Triangle Oil Co.	Mary Hake #2	330'S 330'E NWc SE NW Sec. 4 1S 13W	2600'	8-13-70	
Southern Triangle Oil Co.	Mary Hake #3	330'S 330'W NEc SE NW Sec. 4 1S 13W	2613'	8-15-70	G.L. 411'
Jack Wade	Gilbert Dunkel #1	557'N 330'W SEc SW SE Sec. 11 1S 13W	2295'	1-19-70	G.L. 481'
Jack Wade	Gilbert Dunkel #2-W	557'N 330'E SWc SE Sec. 11 1S 13W	2291'	1-21-70	G.L. 476'
Jack Wade	William B. Rigg #1	1237'N 330'E SWc SE Sec. 11 1S 13W	2287'	1-23-70	G.L. 466'
Spartan Petroleum Co.	G. Seitz #B-1	330'S 400'E NWc SE SW Sec. 23 1S 13W	1982'	9-4-70	G.L. 424'
T. W. George	John S. Wright Etal #1	330'N 330'W SEc SW SE Sec. 27 1S 13W	2008'	10-8-70	D.F. 407'
Shakespeare Oil Co., Inc.	Brines Unit, Tract 20 Well #3-W	330'S 990'W NEc NW NW Sec. 28 1S 13W	2587'	11-12-70	D.F. 443'
Shakespeare Oil Co., Inc.	Brines Unit, Tract 20 #4 (John Leseure #4)	330'N 330'E SWc NW NW Sec. 28 1S 13W	2580'	11-5-70	G.L. 433'
Shakespeare Oil Co., Inc.	Brines Unit Tract 19 Well #1-W	990'S 330'W NEc NE NE Sec. 29 1S 13W	2578'	11-10-70	D.F. 435'
Shakespeare Oil Co., Inc.	Brines Unit, Tract 19 #2	330'S 330'W NEc SE NE Sec. 29 1S 13W	2580'	11-6-70	D.F. 449'
Shakespeare Oil Co., Inc.	Brines Unit, Tract 19 #3 (Herbert Schulz #3)	430'N 330'E SWc NE NE Sec. 29 1S 13W	2619'	11-3-70	G.L. 459'
Shakespeare Oil Co. Inc.	Brines Unit, Tract 19 5 (Herbert Schulz #5)	330'S 330'W NEc SE NE Sec. 29 1S 13W	2596'	10-26-70	G.L. 436'
Joe Simpkins Oil Developments	L. Kurtz #2	330'S 330'W NEc NW NE Sec. 8 2S 13W	2555'	9-25-70	G.L. 404'
Ben C. Blades	Vanault Etal Comm.-Block "A" #1	1250'N 1060'W SEc SW Sec. 9 2S 13W	2754'	12-4-70	G.L. 429'
John B. Murvin	Grace Joachim #1	330'S 330'E NWc NE NW Sec. 17 2S 13W	2810'	5-22-70	G.L. 401'

Sigma Oil Co.	Gray #3-A	990'S 330'E NWc NE Sec. 31 2S 13W	2851'	5-9-70	G.L. 390'
RK Petroleum Corp.	Dunn-Pfeiffer #W-1	330'N 400'W SEc Sec. 23 2S 14W	2614'	11-27-70	D.F. 401'
RK Petroleum Corp.	William Dunn #1	330'N 330'E SWc Sec. 25 2S 14W	2597'	9-12-70	D.F. 377'
RK Petroleum Corp.	William Dunn #3	353'S 330'E NWc SW SW Sec. 25 2S 14W	2590'	10-7-70	D.F. 376'
RK Petroleum Corp.	Gray Estate #W-6	330'N 330'E SWc NW SW Sec. 25 2S 14W	2600'	5-25-70	G.L. 385'
RK Petroleum Corp.	Gray-Dean Etal Comm. #1	330'S 330'E NWc SW Sec. 25 2S 14W	2613'	5-22-70	D.F. 403'
RK Petroleum Corp.	Cowling Comm. Unit #1-A	380'S 330'W NEc SE Sec. 26 2S 14W	2610'	5-25-70	G.L. 398'
RK Petroleum Corp.	Dunn-Pfeiffer #1	330'N 330'W SEc NE NE Sec. 26 2S 14W	2612'	12-5-70	G.L. 396'
RK Petroleum Corp.	Dunn-Pfeiffer #W-8	330'S 330'W NEc Sec. 26 2S 14W	2615'	11-24-70	G.L. 399'
RK Petroleum Corp.	Albert L. Kurtz #1	330'N 330'E SWc NW NW Sec. 36 2S 14W	2600'	11-12-70	D.F. 379'
RK Petroleum Corp.	Albert L. Kurtz #2	330'S 330'E NWc Sec. 36 2S 14W	2594'	9-16-70	
RK Petroleum Corp.	Kurtz #W-7	1650'S 40'E NWc Sec. 36 2S 14W	2605'	11-21-70	D.F. 379'
RK Petroleum Corp.	Mary Richardson #4	655'S 330'E NWc SW Sec. 36 2S 14W	2556'	11-19-70	D.F. 383'
Illinois Mid-Continent Co.	Struman-Fearheiley #1	990'S 1484'E NWc Frac. SW Sec. 10 3S 13W	1195'	10-2-70	G.L. 385'
Sohio Petroleum Co.	D. G. Updegraff A #2-A	915'N 595'E SWc SE Sec. 14 3S 14W	2582'	7-7-70	
Luboil	Edith B. Helm "A" #1-B	612'N 500'W SEc NE SW Sec. 22 3S 14W	2171'	11-17-70	G.L. 376'
Luboil	Helm #W-3	240'N 95'E SWc NE NE Sec. 22 3S 14W	2666'	11-28-70	D.F. 378'
Luboil	Helm #W-5	385'S 130'W NEc SE NE Sec. 22 3S 14W	2800'	11-20-70	D.F. 379'
Lubiol	Edith B. Helm #W-11	330'N 330'E SWc NE Sec. 22 3S 14W	2895'	11-12-70	D.F. 379'
Luboil	Helm #W-14	535'S 408'W NEc SW Sec. 22 3S 14W	2674'	11-14-70	G.L. 376'
Luboil	Helm #W-18	20'N 523'W SEc NE SW Sec. 22 3S 14W	2791'	11-30-70	D.F. 379'
Luboil	Helm #W-32	25'S 485'E NWc NE Sec. 22 3S 14W	2713'	11-7-70	G.L. 375'
Luboil	Edith B. Helm #W-65	732'S 765'E NWc NE Sec. 22 3S 14W	2697'	11-18-70	D.F. 380'
Luboil	Helm #W-1	100'N 190'E SWc NW NW Sec. 23 3S 14W	2791'	11-23-70	D.F. 380'
Luboil	Helm #79	450'S 170'E NWc SW NW Sec. 23 3S 14W	2185'	11-25-70	G.L. 374'
WASHINGTON COUNTY					
Cecil W. Newcomb	Schnute #1	330'N 330'W SEc SW SE Sec. 5 1S 1W	1528'	7-2-70	G.L. 469'
N. A. Baldridge	Otto Rahn Comm. #1	330'S 330'E NWc SE SE Sec. 35 1S 1W	1584'	8-4-70	G.L. 540'
Ego Oil Co., Inc.	Diecker-Hammel-Baldwin #1	330'N 740'W SEc NE Sec. 5 1S 4W	2208'	9-9-70	G.L. 403'
Cy-Pres Oil Co.	Luebke #1	330'S 330'W NEc SE SW Sec. 16 1S 5W	2065'	11-13-70	G.L. 398'
Charles G. Bryson	Lilienkamp #1	330'S 990'E NWc NE Sec. 6 2S 1W	1738'	11-10-70	G.L. 555'
Cecil W. Newcomb	Waldo Moore #1	990'N 990'W SEc SW SE Sec. 21 2S 1W	1553'	8-20-70	G.L. 556'
Joseph A. Dann	G. Mulhern #1-A	990'N 330'W SEc SW NE Sec. 21 2S 1W	1564'	6-4-70	G.L. 548'
Victor R. Gallagher	G. Mulhern #2	330'N 330'W SEc NW Sec. 21 2S 1W	1565'	5-23-70	G.L. 549'
N. A. Baldridge	Kujawa #3-A	990'N 990'W SEc NE Sec. 26 2S 1W	1665'	1-15-70	G.L. 550'
Curtis Companies No. 3, Inc.	Garlich #1	330'S 330'E NWc NE NW Sec. 14 2S 4W	2570'	12-13-70	G.L. 477'
Leland Monken	Lamczyk #1	330'S 330'W NEc SE Sec. 2 3S 1W	1610'	11-23-70	G.L. 537.2'
Clarence Sherman	Eugene Hoffman #1	330'N 330'W SEc NW SW Sec. 7 3S 1W	1377'	8-6-70	G.L. 536'
Clarence Sherman	Hoffman #3	330'S 330'W NEc SW Sec. 7 3S 1W	900'	8-7-70	
Eddie M. Self	Kaszmarek #1	330'S 990'E NWc NE Sec. 19 3S 1W	1362'	8-5-70	G.L. 560'
George E. Kuhn	Frank Gezella #1	330'S 330'W NEc NW Sec. 22 3S 2W	1298'	9-1-70	G.L. 452'
Shell Oil Co.	Dennis #1	330'N 330'E SWc SW SW SE Sec. 14 3S 3W	1280'	6-10-70	D.F. 521'
Shell Oil Co.	J. L. Dennis #2	990'N 330'E SE Sec. 14 3S 3W	1273'	6-11-70	D.F. 516'
Shell Oil Co.	Bielatowicz #1-W	230'S 1320'E SW Sec. 23 3S 3W	1274'	6-10-70	
Shell Oil Co.	H. Bielatowicz Roadway #2	990'N 1320'W SW Sec. 23 3S 3W	1283'	6-11-70	
Shell Oil Co.	T. Kozuszek #1	330'S 990'E SW Sec. 23 3S 3W	1287'	6-10-70	G.L. 510'
Shell Oil Co.	Kozuszch #2	330'N 330'W SE NW SW Sec. 23 3S 3W	1275'	6-11-70	
Crest Oil Co., Inc.	Chassells Heirs #1	330'N 660'W SEc NE SE SE Sec. 31 3S 5W	2310'	1-29-70	G.L. 476.5'

WELLS PLUGGED IN 1970—Continued

Operator	Well	Location	Total depth	Date plugged	Elev
WAYNE COUNTY					
Ego Oil Co., Inc.	A-O Vest Comm., #1	330'N 330'W SEc SW NE Sec. 16 1N 5E	3553'	6-11-70	G.L. 523'
Fletcher F. Farrar	Clayton Monahan Etal #2	950'N 330'W SEc Sec. 35 1N 5E	3118'	6-19-70	G.L. 449'
Fletcher F. Farrar	J. B. Shehorn #1	330'S 330'W NEc NW SW Sec. 36 1N 5E	3090'	6-20-70	G.L. 455'
Fletcher F. Farrar	John B. Shehorn #1	330'N 330'E SWc NW SW Sec. 36 1N 5E	3066'	6-18-70	G.L. 447'
Republic Oil Co.	Weaver #1	330'N 330'E SWc Sec. 28 1N 6E	3275'	11-12-70	G.L. 506'
W. J. King	Robertson #B-1	330'N 500'W SEc NE NE Sec. 2 1N 7E	3710'	9-28-70	G.L. 408'
John B. Murvin	Barth #1	330'S 330'W NEc SE NW Sec. 14 1N 7E	3090'	8-25-70	G.L. 433'
John B. Murvin	H. C. Illys #1	330'S 330'W NEc NW Sec. 14 1N 7E	3008'	4-10-70	G.L. 436'
John B. Murvin	Orma L. Illyes #1	990'S 489'E NWc NE Sec. 14 1N 7E	3003'	9-11-70	G.L. 443'
Denzil V. Webster	Pansie Simmons #1	330'S 330'E NWc SW NE Sec. 16 1N 7E	3204'	11-17-70	G.L. 461'
Republic Oil Co.	F. Tetrick #1	330'N 330'W SEc NE NW Sec. 20 1N 7E	3289'	10-31-70	G.L. 452'
Shulman Brothers	West Geff Unit #W-5	330'S 330'W NEc SW SE Sec. 28 1N 7E	3230'	10-27-70	G.L. 441'
Shulman Brothers	West Geff Unit #6 (C. Kern #1)	330'S 330'W NEc SE SE Sec. 28 1N 7E	3179'	7-15-70	G.L. 444'
Shulman Brothers	West Geff Unit #7 (W. A. Brown #1)	330'N 330'W SEc SW SE Sec. 28 1N 7E	3204'	10-29-70	G.L. 426'
John B. Murvin	H. Hawk #1	330'N 330'W SEc NW SE Sec. 35 1N 7E	3306'	9-29-70	G.L. 414'
Republic Oil Co.	Croughan #1	330'S 330'E NWc SE Sec. 2 1N 8E	3177'	5-13-70	G.L. 473'
Republic Oil Co.	Shackleford #2	330'N 330'W SEc NW Sec. 2 1N 8E	3159'	5-12-70	G.L. 465'
John B. Murvin	J. W. Barth #1	748'S 330'W NEc Sec. 6 1N 8E	3068'	6-9-70	G.L. 403'
Republic Oil Co.	Barth #1	330'N 330'E SWc NE SW Sec. 9 1N 8E	3105'	7-23-70	G.L. 401'
Midwest Oil Producers	Daubs #1	330'S 330'E NWc SW SW Sec. 12 1N 8E	3801'	9-25-70	G.L. 444'
John B. Murvin	Rudesill #1	330'N 330'E SWc SE NW Sec. 17 1N 8E	3125'	2-5-70	G.L. 400'
McKinney & Funderburk	Trotter #1	330'S 330'E NWc NE NE Sec. 20 1N 8E	3122'	5-9-70	G.L. 403'
L. A. Hudson	Barnes #1	330'S 330'E NWc NE NW Sec. 22 1N 8E	3082'	10-25-70	G.L. 400'
John B. Murvin	Straub #1	330'N 330'W SEc SE NE NE Sec. 29 1N 8E	3152'	8-26-70	G.L. 406'
John M. Zanetis	Meadows-Rutger Cons. #2	990'N 990'W SEc NE NE Sec. 2 1N 9E	3261'	6-22-70	G.L. 409'
John M. Zanetis	J. Rutger #A-1	330'S 990'W NEc SE NE Sec. 2 1N 9E	3289'	6-25-70	G.L. 427'
M. C. Milam	C. Fredericks #3-A	990'N 330'E SWc NE Sec. 13 1N 9E	3870'	12-5-70	G.L. 389.6'
Robert H. Evans	L. E. Harrell #1	365'N 510'W SEc NE SE Sec. 35 2N 5E	3099'	11-11-70	G.L. 478'
John Carey Oil Co.	Ellis #2	330'N 660'W SEc NE NE Sec. 20 2N 7E	3170'	4-15-70	G.L. 422'
Kelly Drilling & Oil Co.	Miller #A-1	330'N 330'W SEc NW SE Sec. 22 2N 7E	3050'	8-27-70	G.L. 415'
Kelly Drilling & Oil Co.	Miller #4-A	330'N 330'E SWc NW SE Sec. 22 2N 7E	3001'	8-25-70	G.L. 425'
Union Oil Company of California	South Woodside School Cons: Mary Hall #1	270'N 330'W SEc SW Sec. 19 2N 8E	2348'	8-29-70	G.L. 443'
Tamarack Petroleum Co., Inc.	Nellie Miller Comm. #3	330'N 330'E SWc NE NE Sec. 26 2N 8E	.....	11-11-70	G.L. 442'
Tamarack Petroleum Co., Inc.	Nellie Miller #W-4 (2)	330'S 330'E NWc NE NE Sec. 26 2N 8E	3063'	11-6-70	G.L. 440'
Tamarack Petroleum Co., Inc.	Edna & Jeanne Rommeiss #1	330'S 330'E NWc NE SW Sec. 26 2N 8E	3091'	9-21-70	G.L. 435.9'
Tamarack Petroleum Co., Inc.	Edna & Jeanne Rommeiss #2	330'S 330'W NEc NW SW Sec. 26 2N 8E	3388'	9-16-70	G.L. 436.5'
Tamarack Petroleum Co., Inc.	Wilkins #3	330'N 330'E SWc NE NE Sec. 26 2N 8E	3054'	11-9-70	G.L. 442'
Rural Oil Producers, Inc.	Skelton #1	330'S 330'E NWc NE Sec. 32 2N 8E	3130'	10-15-70	G.L. 431'
Charles E. Booth	Behymer #1	330'N 330'E SWc SE Sec. 34 2N 8E	3109'	2-5-70	G.L. 439'
Republic Oil Co.	Gill #2	330'S 330'E NWc NE SE Sec. 34 2N 8E	800'	11-12-70	G.L. 453'
Republic Oil Co.	Gill-Behymer Comm. #1	990'S 330'E NWc NE SE Sec. 34 2N 8E	3152'	7-24-70	G.L. 454'
Charles E. Booth	Riggs #1	330'N 330'W SEc NE Sec. 34 2N 8E	3130'	7-6-70	G.L. 452.35'
M. C. Milam	Croughan #1	330'S 1650'E NWc SW Sec. 35 2N 8E	3150'	9-22-70	G.L. 449.7'
Republic Oil Co.	Lewis #1	330'N 330'W SEc SE NW SE Sec. 36 2N 8E	3116'	7-21-70	G.L. 421'

John B. Murvin	Wyatt Comm. #B-1	330′N 990′W SEc NW SE Sec. 24 2N 9E	3275′	12-2-70	G.L. 396′
Flectcher F. Farrar	Sarah Weaver #1	330′S 330′E NWc Sec. 1 1S 5E	3100′	6-17-70	G.L. 457′
Merle G. Ray & Ben Ober d/b/a Ray-Ober Oil Co.	G. Sledge #1	330′S 330′W NEc SE SW Sec. 26 1S 5E	3109′	7-29-70	G.L. 409′
Merle G. Ray & Ben Ober d/b/a Ray-Ober Oil Co.	Gene Sledge #2	330′N 330′E SWc SE SW Sec. 26 1S 5E	3553′	7-21-70	G.L. 408′
Merle G. Ray & Ben Ober d/b/a Ray-Ober Oil Co.	Hardy Sledge #1	330′S 330′E NWc SW SE Sec. 26 1S 5E	3092′	7-17-70	G.L. 411′
John T. Mitchell	Herbert Weaver #1	330′S 330′W NEc Sec. 8 1S 6E	3242′	9-1-70	G.L. 467′
Chris Pearson, Sr.	Elmer Barnard #1	660′S 660′W NEc SW Sec. 17 1S 6E	3250′	11-17-70	G.L. 455′
Chris Pearson, Sr.	Elmer Barnard #1	330′N 330′W SEc NE SW Sec. 17 1S 6E	3072′	11-19-70	G.L. 453′
Chris Pearson, Sr.	Elmer Barnard #2	330′S 330′W NEc SW Sec. 17 1S 6E	3068′	11-20-70	G.L. 455′
Rhea Fletcher	Talbert Dickey Comm. #1	660′N 1980′E SWc Sec. 20 1S 6E	3306′	11-16-70	G.L. 442′
C. K. Felix d/b/a Tri-State Casing Pulling Co.	J. W. Warren #2	330′S 330′W NEc NW SW Sec. 21 1S 6E	3227′	12-16-70	G.L. 441′
Texaco, Inc.	A. L. Harlan NCT-2-#4	667′N 660′E SWc NE SE Sec. 22 1S 6E	3267′	7-8-70	G.L. 429′
Shulman Brothers	West Geff Unit #34 (Cecil Molt #1)	330′S 1604′W NEc SE NW Sec. 3 1S 7E	3256′	7-17-70	G.L. 467′
Shulman Brothers	West Geff Unit #35 (C.O. Molt #2)	330′N 330′E SWc SE NW Sec. 3 1S 7E	3203′	7-20-70	G.L. 474′
Dae V. Love	Loren Burton #1	330′S 330′W NEc NW NW Sec. 4 1S 7E	3266′	9-23-70	G.L. 464′
John B. Murvin	Ruth Buchanan #1	330′S 330′W NEc SE Sec. 13 1S 7E	3278′	7-25-70	G.L. 406′
Joe A. Dull	Fleenor #1	330′S 330′E NWc SE NE Sec. 17 1S 7E	3284′	5-9-70	G.L. 472′
John B. Murvin	Courtwright #1	990′N 990′W SEc NE Sec. 24 1S 7E	3315′	12-4-70	G.L. 419′
Joe Simpkins Oil Developments	Roy Finley #1	330′S 330′W NEc SE Sec. 31 1S 7E	3240′	11-6-70	G.L. 449′
Joe Simpkins Oil Developments	Perry Young #1	660′N 660′E SWc NE NE Sec. 31 1S 7E	3225′	11-10-70	G.L. 417′
Bernard Podolsky	Hanna #2	330′S 330′W NEc SW SW Sec. 35 1S 7E	3203′	6-30-70	D.F. 420′
Bernard Podolsky	T. P. Hanna #2	330′S 330′W NEc NW SW Sec. 35 1S 7E	3294′	6-25-70	G.L. 420′
Bernard Podolsky	Hanna #3	330′N 660′W SEc NW SW Sec. 35 1S 7E	3294′	6-25-70	D.F. 430′
Central Drilling Co.	Ellis #1	330′N 330′W SEc Sec. 3 1S 8E	3101′	11-2-70	G.L. 480′
Robinson Production, Inc.	Kunce #1	330′S 330′E NWc NE Sec. 14 1S 8E	3190′	10-31-70	G.L. 399′
Tamarack Petroleum Co., Inc.	F. A. Bobbett #1	330′N 330′W SEc NE NE Sec. 17 1S 8E	3216′	8-27-70	G.L. 412′
Sam Tipps	Rudesill #2	330′S 330′E NWc NE NW Sec. 28 1S 8E	3300′	8-11-70	G.L. 470′
Sam Tipps	Rudesill #2-A	330′N 330′W SEc NE NW Sec. 28 1S 8E	3247′	8-13-70	G.L. 444′
Partlow & Cochonour	Ross Mason #1	330′S 330′E NWc SW SE Sec. 8 1S 9E	3353′	11-29-70	
Alva C. Davis Petroleum, Inc.	Albert Jones #1	330′N 330′W SEc SW NW Sec. 26 1S 9E	3364′	6-10-70	G.L. 385′
Robinson Production, Inc.	Nelson #1	330′S 990′E NWc NE Sec. 14 2S 7E	3399′	7-16-70	G.L. 419′
John B. Murvin	Gregory Comm. #1	330′S 330′W NEc Frac. SW Sec. 19 2S 7E	4230′	7-15-70	G.L. 384′
Jenkins Brothers	Gregory #3	330′N 330′W SEc NE SW Sec. 28 2S 7E	4163′	10-6-70	G.L. 383′
Alva C. Davis	Hancock #1	330′N 330′W SEc SW SW Sec. 10 2S 8E	3333′	12-5-70	G.L. 395′
M. L. Van Fossan	Sarles #1	990′N 990′W SEc Sec. 20 2S 8E	3400′	11-6-70	G.L. 405′
Lloyd Arnett	Vaughn #1	330′N 330′E SWc SE SW Sec. 26 2S 8E	3408′	11-30-70	G.L. 445′
Lloyd Arnett	F. & J. Vaughn #4	330′S 330′E NWc SE SW Sec. 26 2S 8E	3409′	12-2-70	G.L. 450′
Tips Casing Pulling Co.	Caldwell #4	330′S 330′E NWc NE SW Sec. 27 2S 8E	3450′	3-21-70	G.L. 440′
Tipps Casing Pulling Co.	G. T. Caldwell #5	330′N 330′W SEc NE SW Sec. 27 3S 8E	3400′	3-12-70	G.L. 433′
Tipps Casing Pulling Co.	G. T. Caldwell #6	330′S 330′W NEc SW Sec. 27 2S 8E	5500′	3-19-70	G.L. 444′
Tipps Casing Pulling Co.	Simpson C #1	330′S 330′E NWc Sec. 27 2S 8E	3259′	9-11-70	G.L. 397′
Tipps Casing Pulling Co.	Orlando F. Simpson #A-2	330′S 660′E NWc SW Sec. 27 2S 8E	3423′	3-26-70	G.L. 444′
Tipps Casing Pulling Co.	Simpson "C" #2	330′N 330′E SWc NW NW Sec. 27 2S 8E	3396′	9-16-70	G.L. 426′
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Cline-Hubble Comm. #1	330′N 330′W SEc NE SE Sec. 33 2S 8E	3477′	11-4-70	G.L. 472′
Ashland Oil, Inc.	G. T. Caldwell "A" #4-W	330′S 330′W NEc SW NW Sec. 34 2S 8E	3355′	10-1-70	G.L. 420′
Illinois Mid-Continent Co.	Roy Johnson #2	330′S 330′E NWc SE NW Sec. 16 2S 9E	3390′	11-4-70	G.L. 376′
Illinois Mid-Continent Co.	Roy Johnson #3	330′S 330′W NEc NW NW Sec. 16 2S 9E	3380′	11-10-70	G.L. 377′

WELLS PLUGGED IN 1970—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
Illinois Mid-Continent Co.	John Tondini-Weyburn Kerr #1	330'N 330'E SWc NE NW Sec. 16 2S 9E	3332'	10-30-70	G.L. 381'
Illinois Mid-Continent Co.	Tondini-Kerr Comm. #2	330'N 330'W SEc NE NW Sec. 16 2S 9E	3292'	11-4-70	G.L. 381'
Robinson Production, Inc.	Myrtle Baker #1	330'N 330'E SWc NW Sec. 21 2S 9E	5412'	10-30-70	G.L. 379'
Robinson Production, Inc.	Myrtle Baker #2	330'S 330'W NEc SW NW Sec. 21 2S 9E	3419'	8-27-70	G.L. 380'
C. K. Felix d/b/a Tri-State Casing Pulling Co.	Pettigrew-J. Piercy Comm. #1	330'S 330'W NEc SW Sec. 24 2S 9E	3408'	4-21-70	G.L. 475'
Alva C. Davis Petroleum, Inc.	E. H. O'Daniel #4	330'N 330'E SWc NE Sec. 26 2S 9E	3324'	9-30-70	G.L. 412'
Ashland Oil, Inc.	Perlie Hill #3	663'N 694'W SEc SE Sec. 29 2S 9E	3208'	10-3-70	G.L. 380'
Jenkins Brothers	Orion Wagner #1	330'S 330'W NEc SE SW Sec. 30 2S 9E	3382'	7-11-70	G.L. 379'
J. F. Porter	Esther Allison #1	330'S 330'W NEc SE SE Sec. 35 2S 9E	3398'	6-3-70	G.L. 422'
Midwestern Supply Co., Inc.	J. G. Boggs #8	675'N 670'W SEc NW SW Sec. 9 3S 7E	3362'	1-23-70	D.F. 381'
Midwestern Supply Co., Inc.	J. G. Boggs #10 W. I.	57'N 1160'W SEc Sec. 8 3S 7E	3365'	2-3-70	D.F. 384'
Victor R. Gallagher	Musgraves #1	330'N 330'E SWc NE Sec. 13 3S 8E	3575'	1-1-70	G.L. 463'
J. F. Porter	D. H. Anderson #1	330'S 990'E NWc SE Sec. 2 3S 9E	3308'	9-2-70	G.L. 376'
George Cullum d/b/a Cullum Oil Co.	Murphy #1	330'N 330'E SWc SE NW SE Sec. 6 3S 9E	3472'	9-9-70	G.L. 478'
Robinson Production, Inc.	Musgrave #1	330'S 330'W NEc NW SE Sec. 8 3S 9E	4250'	10-5-70	G.L. 476'
Jenkins Brothers	Haefele #1	330'S 330'E NWc NE NW Sec. 16 3S 9E	2503'	12-30-70	G.L. 391'
Jenkins Brothers	Spencer-Heirs #1	330'N 330'E SWc NE Sec. 16 3S 9E	3380'	8-7-70	G.L. 386'
WHITE COUNTY					
Jenkins Brothers	A. J. Poorman #5	330'S 1650'E NWc SE SW Sec. 19 3S 8E	5430'	7-3-70	G.L. 370'
American Pump & Supply Co.	Cates Comm. #1	330'S 298'W NEc SE SW Sec. 20 3S 8E	3275'	7-6-70	D.F. 385'
American Pump & Supply Co.	McKeyes #2	330'S 330'E NWc SW SE Sec. 20 3S 8E	3335'	7-1-70	G.L. 417'
American Pump & Supply Co.	Curd Heirs A #1	330'S 330'E NWc SW NE Sec. 29 3S 8E	3401'	6-29-70'	G.L. 379'
American Pump & Supply Co.	Curd #3	330'N 330'E SWc NW NE Sec. 29 3S 8E	3370'	6-26-70	G.L. 380'
American Pump & Supply Co.	Belva-McIntosh #3	320'N 320'E SWc SE SW Sec. 31 3S 8E	3250'	5-22-70	D.F. 380'
American Pump & Supply Co.	C. L. Newby Comm. #1	330'S 330'E NWc SE NW Sec. 31 3S 8E	3368'	5-21-70'	D.F. 380'
Texaco, Inc.	John Hancock Mutual Life Ins. #1	644'S 640'E NWc SE SW Sec. 21 3S 9E	3396'	7-29-70	G.L. 392'
Midwestern Supply Co., Inc.	Brown Comm. #3 (Tract L-3)	330'S 330'W NEc SW Sec. 34 3S 9E	3435'	4-22-70	G.L. 435'
Midwestern Supply Co., Inc.	Brown #G-7	330'S 423'W NEc SW NE Sec. 34 3S 9E	2460'	12-9-70	G.L. 439'
Midwestern Supply Co., Inc.	Crate #1 (Tract A-1)	1485'N 330'E SWc SE Sec. 34 3S 9E	3472'	4-15-70	D.F. 474'
Midwestern Supply Co., Inc.	Crate #2 (Tract G-2)	330'N 330'E SWc NE Sec. 34 3S 9E	3416'	4-27-70	....
Midwestern Supply Co., Inc.	Goldengate Unit #E-1W	330'S 330'W NEc SE NW Sec. 34 3S 9E	3447'	4-17-70	D.F. 439'
Midwestern Supply Co., Inc.	Goldengate Unit #L-1W	330'N 330'W SEc NE SW Sec. 34 3S 9E	3455'	5-8-70	D.F. 446'
Midwestern Supply Co., Inc.	Goldengate Unit #R-1W	495'N 330'E SWc SE Sec. 34 3S 9E	3497'	4-20-70	D.F. 506'
Midwestern Supply Co., Inc.	Goldengate Unit #A-2W	330'N 330'W SEc NW NE Sec. 34 3S 9E	3311'	4-13-70	D.F. 455'
Midwestern Supply Co., Inc.	Goldengate Unit #G-3W	330'S 330'E NWc SW NE Sec. 34 3S 9E	3435'	5-6-70	D.F. 437'
Midwestern Supply Co., Inc.	Goldengate Unit #A-4W	330'S 330'W NEc Sec. 34 3S 9E	3440'	12-2-70	D.F. 437'
Midwestern Supply Co., Inc.	Goldengate Unit #G-4W	330'S 330'W NEc SW NE Sec. 34 3S 9E	3445'	12-5-70	D.F. 444'
Midwestern Supply Co., Inc.	Goldengate Unit #M-5W	330'S 330'W NEc SE SE Sec. 34 3S 9E	3490'	6-9-70	D.F. 488'
Midwestern Supply Co., Inc.	Goldengate Unit #M-8-OW	330'S 330'E NWc SE SE Sec. 34 3S 9E	3499'	5-4-70	D.F. 501'
Midwestern Supply Co., Inc.	Goldengate Unit #F-10W	330'N 330'W SEc NW Sec. 34 3S 9E	3444'	4-29-70	D.F. 436'
Midwestern Supply Co., Inc.	Heil Estate #2 (Tract M-2)	495'N 1166'E SWc SE Sec. 34 3S 9E	3485'	4-23-70	D.F. 486'
Midwestern Supply Co., Inc.	Lewis J. Williams #1 (Tract Q-1)	330'N 330'W SEc SW Sec. 34 3S 9E	3495'	4-25-70	D.F. 484'

Leo Chambers & Ruby Chambers d/b/a Ruleo Oil Co.	Fred Henning #1	330'S 330'E NWc NE NW Sec. 19 3S 14W	2990'	12-7-70	D.F. 372'
Louis A. Pessina	Woodham-Toops & Begert Comm. #1	330'S 330'E NWc SW NW Sec. 20 3S 14W	1884'	8-6-70	G.L. 403'
Charles P. Wood	Margaret C. Hon #1	330'N 330'E SWc NE Sec. 32 3S 14W	3089'	11-14-70	G.L. 386'
American Pump & Supply Co.	Rosa Dunn #1	330'S 318'W NEc NW NW Sec. 6 4S 8E	3392'	5-19-70	G.L. 381'
Midwestern Supply Co., Inc.	Goldengate Unit #T-2W	990'S 330'E NWc SW NE Sec. 3 4S 9E	3393'	12-3-70	D.F. 434'
Dee Drilling Co., Inc.	Bond-Henderson Comm. #3	330'N 480'W SEc NE NE Sec. 20 4S 10E	3232'	5-1-70	G.L. 380'
Ram Oil Corp.	E. D. McCarty Etal #1	330'S 330'W NEc NW NW Sec. 23 4S 10E	3227'	11-24-70	G.L. 405'
Slagter Producing Corp.	Amanda Spencer "B" #1	330'S 330'E NWc NE NE Sec. 29 4S 10E	2937'	12-22-70	G.L. 387'
Henry Absher d/b/a Absher Oil Co.	Babler-Hon #1-A	400'N 300'E SWc NE SE SW Sec. 9 4S 14W	2856'	6-30-70	G.L. 377'
Henry Absher d/b/a Absher Oil Co.	McCollough-Hon #A-2	330'N 330'W SEc SW Sec. 9 4S 14W	2864'	6-25-70	G.L. 375'
Henry Absher d/b/a Absher Oil Co.	Morton #2	330'N 330'W SEc SW SE Sec. 9 4S 14W	2859'	7-2-70	D.F. 382'
Henry Absher d/b/a Absher Oil Co.	Wm. Spellisy & J. C. Haynes Etal #D-1	300'S 300'E NWc NW SW SE Sec. 9 4S 14W	2860'	6-27-70	G.L. 378'
Conyers Oil Well Service, Inc.	Wilma Gray Etal #6	330'N 330'W SEc Sec. 20 4S 14W	2869'	11-18-70	D.F. 373'
E. A. Obering d/b/a Warrior Oil Co.	Sluder #1	330'N 330'E SWc NE Sec. 12 5S 8E	3361'	11-28-70	G.L. 404'
E. A. Obering d/b/a Warrior Oil Co.	Sluder #2	990'S 660'E NWc NE Sec. 12 5S 8E	3327'	12-1-70	G.L. 398'
Estelle Price	L. Price "A" Unit #1	330'N 330'E SWc NW SE Sec. 29 5S 8E	3424'	4-29-70	D.F. 444'
Estelle Price	Estelle Price #1	330'N 330'E SWc NE NE Sec. 32 5S 8E	3259'	4-27-70	D.F. 444'
National Associated Petroleum Co.	Becker B-Gidcumb A-Hash Comm. #1 WI	330'N 330'W SEc NW Sec. 12 5S 9E	3211'	1-13-70	G.L. 379'
National Associated Petroleum Co.	Becker-Nash Comm. W.I. #1	330'S 330'W NEc SW Sec. 12 5S 9E	3252'	2-21-70	G.L. 371'
National Associated Petroleum Co.	Becker-Nash Comm. #3 W.I.	330'S 330'E NWc NE SW Sec. 12 5S 9E	3215'	2-27-70	G.L. 365'
Illinois Lease Operating, Inc.	Charles F. Roser #2	330'S 330'W NEc SE NE Sec. 26 5S 10E	3066'	12-7-70	D.F. 371'
Illinois Lease Operating, Inc.	Charles F. Roser #3	330'S 330'E NWc SE NE Sec. 26 5S 10E	3104'	12-12-70	D.F. 372'
Illinois Lease Operating, Inc.	Charles F. Roser #4	330'N 330'W SEc NE SE Sec. 26 5S 10E	3084'	12-9-70	D.F. 372'
Illinois Lease Operating, Inc.	Charles Roser #6	330'S 330'E NWc NE SE Sec. 26 5S 10E	3055'	12-10-70	D.F. 377'
C. F. Rebstock	Wm. Hanna "A" #1	330'N 330'E SWc NE Sec. 28 5S 10E	1433'	5-15-70	D.F. 398'
Herndon Drilling Co.	Slemaker #2	330'N 330'W SEc NW NW Sec. 36 5S 10E	2842'	10-24-70	G.L. 374'
Leo Chambers & Ruby Chambers d/b/a Ruleo Oil Co.	Wilburn Bevall #1	330'S 330'W NEc Sec. 19 5S 11E	3076'	12-16-70	D.F. 364'
Leo Chambers & Ruby Chambers d/b/a Ruleo Oil Co.	Charles Ford Etal #1	330'N 330'W SEc SW SW Sec. 18 5S 14W	3000'	12-17-70	D.F. 370'
Leo Chambers & Ruby Chambers d/b/a Ruleo Oil Co.	Charles Ford #3	330'N 330'E SWc Sec. 18 5S 14W	3000'	12-19-70	D.F. 368'
Leo Chambers & Ruby Chambers d/b/a Ruleo Oil Co.	Charles Ford Etal #4	990'N 330'E SWc SE SW Sec. 18 5S 14W	2951'	12-15-70	D.F. 367'
Louis A. Pessina	Bingman Heirs #1	330'N 330'E SWc NW SE Sec. 19 5S 14W	2313'	3-28-70	G.L. 363'
Louis A. Pessina	Bingman #2-W	330'S 330'E NWc SE Sec. 19 5S 14W	2321'	3-31-70	G.L. 364'
Louis A. Pessina	Bingman Heirs #3	330'N 330'W SEc NW SE Sec. 19 5S 14W	3108'	3-26-70	G.L. 368'
Louis A. Pessina	Borst #1-W	330'S 330'E NWc SW SE Sec. 19 5S 14W	2318'	11-14-70	D.F. 362'
Louis A. Pessina	Louise Borst #2	990'S 330'E NWc SW SE Sec. 19 5S 14W	2320'	3-24-70	G.L. 366'
Louis A. Pessina	Louise Borst #3-W	330'N 330'W SEc SW SE Sec. 19 5S 14W	2370'	11-16-70	D.F. 361'
Louis A. Pessina	Fred E. Henning #1	330'N 330'W SEc NE SW Sec. 19 5S 14W	2319'	3-11-70	G.L. 368'
Louis A. Pessina	F. E. Henning #2	330'S 330'W NEc SW Sec. 19 5S 14W	2323'	3-10-70	G.L. 371'
Leo Chambers & Ruby Chambers d/b/a Ruleo Oil Co.	Fred Henning #6	990'S 940'E NWc NE NW Sec. 19 5S 14W	2999'	12-22-70	D.F. 370'
Leo Chambers & Ruby Chambers d/b/a Ruleo Oil Co.	R. A. Henning #1	330'S 330'W NEc NW NW Sec. 19 5S 14W	3053'	12-4-70	D.F. 369'
Louis A. Pessina	R. A. Henning #1-W	330'N 330'E SEc SW NE SW Sec. 19 5S 14W	2350'	3-20-70	G.L. 369'
Leo Chambers & Ruby Chambers d/b/a Ruleo Oil Co.	R. A. Henning #2	330'S 330'W NEc SW NW Sec. 19 5S 14W	2990'	12-9-70	D.F. 368'

WELLS PLUGGED IN 1970—Concluded

Operator	Well	Location	Total depth	Date plugged	Elev.
Leo Chambers & Ruby Chambers d/b/a Ruleo Oil Co.	R. A. Henning #3	990'S 330'E NWc Sec. 19 5S 14W	3055'	12-28-70	D.F. 370'
Leo Chambers & Ruby Chambers d/b/a Ruleo Oil Co.	R. E. Henning #2	990'S 330'E NWc NE NW Sec. 19 5S 14W	3000'	12-24-70	D.F. 365'
Leo Chambers & Ruby Chambers d/b/a Ruleo Oil Co.	Richard Henning #4	330'S 330'E NWc SW NW Sec. 19 5S 14W	2962'	12-31-70	D.F. 365'
Leo Chambers & Ruby Chambers d/b/a Ruleo Oil Co.	Richard Henning Etal #2	990'S 330'W NEc NW NW Sec. 19 5S 14W	3000'	12-11-70	D.F. 369'
Leo Chambers & Ruby Chambers d/b/a Ruleo Oil Co.	Richard Henning Etal #4	330'S 330'E NWc Sec. 19 5S 14W	3008'	12-29-70	D.F. 369'
Louis A. Pessina	E. Truscott #1	330'S 330'W NEc SE SW Sec. 19 5S 14W	2322'	3-12-70	
Louis A. Pessina	E. Truscott #2	330'S 330'E NWc SE SW Sec. 19 5S 14W	3150'	3-20-70	G.L. 368'
Louis A. Pessina	Truscott #3-W	990'S 330'W NEc SE SW Sec. 19 5S 14W	2378'	3-26-70	G.L. 365'
Louis A. Pessina	Cochran #1-W	990'N 330'E SWc NW NE Sec. 30 5S 14W	3148'	3-12-70	D.F. 368'
Louis A. Pessina	E. Truscott #4	330'N 330'E SWc SE NW Sec. 30 5S 14W	3115'	3-24-70	G.L. 366'
George N. Mitchell d/b/a Mitchell Bros. Drilling Co.	Spencer #1	330'S 330'E NWc SE SE Sec. 13 6S 8E	2714'	10-9-70	G.L. 434'
L. L. Chevalier	E. E. Chapman #1	380'N 330'W SEc NE NW Sec. 26 6S 8E	2844'	6-30-70	G.L. 447'
National Associated Petroleum Co.	Fryer-Satterfield Comm. #1	330'N 990'W SEc NE Sec. 26 6S 8E	3081'	4-16-70	G.L. 416'
Pricefields Oil, Inc.	Bernard Hughes #1	330'S 330'W NEc SW NE Sec. 26 6S 8E	3118'	7-24-70	G.L. 417'
Joe A. Dull	Hughes #3	990'S 330'W NEc NW NW Sec. 4 6S 9E	2745'	7-26-70	G.L. 377'
Bernard Podolsky	Hal R. Clay #1-A	355'S 405'E NWc NE SW Sec. 19 6S 9E	3055'	12-8-70	G.L. 455'
Clarence Angle	Lowell Austin #1	330'N 330'E SWc SE SW SW Sec. 23 6S 9E	2921'	7-27-70	G.L. 386'
CSGDDRLM Oil Co.	Herman Kittinger #2	850'S 330'W NEc NW SW Sec. 1 6S 10E	3138'	1-9-70	G.L. 365'
Roland P. Sackett Thunderbird Oil Co.	Frymire #1-A	330'N 330'W SEc NW SE Sec. 10 6S 10E	2550'	7-13-70	G.L. 369'
Roland P. Sackett d/b/a Thunderbird Oil Co.	Smith #1-A	330'N 330'W SEc NE SE Sec. 9 6S 10E	2528'	7-14-70	G.L. 372'
Roland P. Sackett d/b/a Thunderbird Oil Co.	A. A. Williams #1-A	330'N 330'W SEc NE SW Sec. 10 6S 10E	2550'	7-9-70	
C. F. Rebstock	Cicely Hubele #1-WI	330'S 330'W NEc SE Sec. 12 6S 10E	2305'	4-23-70	G.L. 362'
Mobil Oil Corp.	Karch #4	330'S 330'W NEc NE SE SW Sec. 13 6S 10E	2780'	8-5-70	G.L. 372'
Rhea Fletcher	Palestine Sand Unit #W-1	330'N 330'E SWc SE NE Sec. 13 6S 10E	2014'	6-4-70	G.L. 363'
Rhea Fletcher	Palestine Sand Unit Well #W-2	330'N 330'W SEc NE Sec. 13 6S10E	2858'	6-5-70	G.L. 362'
Rhea Fletcher	Palestine Sand Unit #W-16	330'N 330'E SWc NE SE Sec. 13 6S 10E	2026'	5-28-70	G.L. 372'
Roland P. Sackett d/b/a Thunderbird Oil Co.	M. C. Seal #1	330'S 660'E NWc NE NW Sec. 15 6S 10E	3038'	7-15-70	G.L. 369'
Roland P. Sackett d/b/a Thunderbird Oil Co.	B. Watkins "A" #1	330'S 330'W NEc NW NE Sec. 16 6S 10E	2520'	7-17-70	G.L. 372'
Rhea Fletcher	Palestine Sand Unit Well #37	330'S 330'E NWc NE NE Sec. 24 6S 10E	2840'	6-1-70	G.L. 370'
Rhea Fletcher	Palestine Sand Unit #41 (Frederick J. Karch #3)	271'N 291'W SEc NE NW Sec. 24 6S 10E	2012'	6-3-70	
Rhea Fletcher	Palestine Sand Unit #49	330'S 330'E NWc NW SE NW Sec. 24 6S 10E	2990'	5-26-70	G.L. 368'
Rhea Fletcher	Palestine Sand Unit #61-W	330'N 330'W SEc NE SW Sec. 24 6S 10E	2990'	5-22-70	G.L. 380'
T. L. Clark	Charles Hubele #1	330'S 330'W NEc NW NW Sec. 25 6S 10E	1914'	9-21-70	G.L. 368'
T. L. Clark	Hubele #2	330'S 330'E NWc Sec. 25 6S 10E	2211'	9-17-70	D.F. 373'
T. L. Clark	Hubele #4	330'N 260'E SWc NW NW Sec. 25 6S 10E	1909'	9-18-70	G.L. 375'
C. F. Rebstock	Ella B. Barnes-Hubele Unit #1	330'S 330'E NWc NE SW Sec. 7 6S 11E	2378'	4-24-70	G.L. 366'
Royalco, Inc.	Bryant-Peek #1 (W-6)	330'S 330'W NEc NW SW Sec. 2 7S 8E	2962'	7-21-70	
Royalco, Inc.	Bryant-Peek #2	330'S 330'E NWc SW Sec. 2 7S 8E	2930'	7-28-70	D.F. 422'

Royalco, Inc.	Bryant-Peek #3	330'N 330'W SEc NW SW Sec. 2 7S 8E	2930'	7-31-70	D.F. 422'
Royalco, Inc.	Bryant-Peek #4 (W-3)	330'N 330'E SWc NW SW Sec. 2 7S 8E	2959'	7-24-70	
Royalco, Inc.	Martin Comm. #1 (W-7)	380'S 330'W NEc SW SW Sec. 2 7S 8E	2952'	8-11-70	D.F. 422'
Royalco, Inc.	Martin Comm. #2	330'N 330'E SWc Sec. 2 7S 8E	2936'	8-4-70	
Royalco, Inc.	Martin Comm. #3	330'N 330'W SEc SW SW Sec. 2 7S 8E	2951'	8-8-70	D.F. 424'
Royalco, Inc.	Martin Comm. #W-8	10'N 820'E SWc Sec. 2 7S 8E	2952'	8-13-70	G.L. 421'
Royalco, Inc.	John Newcomb #1	245'S 330'W NEc SW NW Sec. 2 7S 8E	3024'	8-18-70	G.L. 463'
Royalco, Inc.	John Newcomb #2 (W-5)	225'N 330'W SEc NW NW Sec. 2 7S 8E	3042'	8-17-70	
Royalco, Inc.	Newcomb Comm. #1	304'N 330'W SEc SW NW Sec. 2 7S 8E	3024'	8-21-70	G.L. 463'
Royalco, Inc.	Newcomb Comm. #1 (W-4)	330'N 330'E SWc NW Sec. 2 7S 8E	3023'	8-20-70	
Royalco, Inc.	Newcomb Comm. WS #1	200'N 220'E SWc NW Sec. 2 7S 8E	1180'	8-31-70	
Royalco, Inc.	Nelson Bryant #1	330'N 330'W SEc Sec. 3 7S 8E	2977'	8-1-70	G.L. 435'
Royalco, Inc.	Nelson Bryant #2 (W-2)	330'S 330'W NEc SE SE Sec. 3 7S 8E	2966'	7-29-70	
Royalco, Inc.	Nelson Bryant #2-A (W-1)	390'S 415'W NEc SE Sec. 3 7S 8E	2978'	8-1-70	G.L. 412'
Royalco, Inc.	Nelson Bryant #3	255'N 385'W SEc NE SE Sec. 3 7S 8E	2977'	7-22-70	G.L. 412'
Royalco, Inc.	Hullett Etal #3	330'N 330'W SEc SE NE Sec. 3 7S 8E	2950'	8-14-70	G.L. 431'
Sun Oil Co.	Joe S. Delap #1	330'S 330'W NEc SE SW Sec. 4 7S 8E	2730'	6-2-70	D.F. 378'
Sun Oil Co.	Herschel Ragsdale #1	330'N 330'W SEc NE SW Sec. 4 7S 8E	2643'	5-29-70	D.F. 382'
Sun Oil Co.	Okerson "A" #2	330'S 330'W NEc SW NE Sec. 9 7S 8E	3091'	6-3-70	G.L. 416'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Vivian Aldridge #3	330'S 330'E NWc NE NE Sec. 2 7S 9E	2703'	11-19-70	G.L. 480'
Paul S. Knight	C. S. Knight #2	330'N 330'W SEc NW SW Sec. 10 7S 9E	2900'	6-24-70	
George C. Schoonmaker	Moll and Schisler #1	2310'S 330'W NEc Sec. 12 7S 10E	2980'	12-12-70	G.L. 353'
WILLIAMSON COUNTY					
Bufay Oil Co.	Harvey Harris #1	330'S 330'E NWc NE SW Sec. 3 8S 3E	2950'	10-8-70	G.L. 436'
Bufay Oil Co.	Madison #6	180'N 280'W SEc NE SE Sec. 4 8S 3E	2998'	3-6-70	G.L. 448.5'
National Associated Petroleum Co.	Lindsay-Clayton #1 "O"	380'N 330'W SEc SW NE Sec. 6 8S 3E	2940'	11-3-70	G.L. 431.9'
Bufay Oil Co.	Felts-Grant Comm. #1	350'N 383'E SWc SE NE Sec. 10 8S 3E	2950'	12-16-70	G.L. 441'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Oeth Etal #1	330'S 330'E NWc Sec. 10 8S 3E	2985'	2-13-70	G.L. 449'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Oeth #2	330'S 330'W NEc NW Sec. 10 8S 3E	2950'	10-13-70	G.L. 445'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Glen Comm. #1	330'S 330'E NWc SE SE Sec. 25 8S 3E	3730'	12-15-70	G.L. 535'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Isaacs Comm. #1	330'N 990'E SWc NW NE Sec. 32 8S 4E	2825'	12-24-70	G.L. 556'
Midwest Drilling & Exploration Services, Inc.	Wohlwend #1	330'N 330'W SEc NE Sec. 16 9S 2E	2695'	4-16-70	G.L. 440'
Joe A. Dull	Peabody #1	1200'N 250'W SEc SE NW Sec. 11 9S 3E	2692'	8-27-70	G.L. 450'
Joe A. Dull	C. & H. Coal Co. #2	330'N 330'E SWc NW SE Sec. 5 9S 4E	2790'	5-14-70	G.L. 510'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Turnage #1	330'N 330'E SWc NW Sec. 9 9S 4E	2816'	7-11-70	G.L. 524'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Lamaster #1	330'S 330'E NWc NE NW Sec. 11 9S 4E	2885'	8-11-70	G.L. 533'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Penn Central A #1	1650'S 660'W NEc SE Sec. 14 9S 4E	2759'	6-17-70	G.L. 421'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Duty #1	400'S 330'W NEc NW NW Sec. 15 9S 4E	2785'	5-22-70	G.L. 464'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Penn Central #1	940'N 330'W SEc Sec. 15 9S 4E	2730'	10-16-70	G.L. 434'
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Carney #1	900'N 430'W SEc SW Sec. 22 9S 4E	2775'	8-2-70	G.L. 483'
Wm. E. Lampley	U.S. Govt. Bureau of Prisons #1-A	330'N 990'W SEc SW SE Sec. 4 10S 2E	2115'	7-17-70	G.L. 468.1'

PRODUCING WELLS (Completed in 1970)

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily	Elev.
BOND COUNTY						
Arnold Wilson	John & Opal Brown #1	250′N 330′E SWc NW SE SW Sec. 22 5N 4W	Penn.	610′	2	G.L. 547′
CHRISTIAN COUNTY						
Aladdin Oil Development Co.	Lambert #1	530′N 750′W SEc Sec. 20 14N 3W	Silurian	1735′	15	G.L. 592′
Aladdin Oil Development Co.	Lambert #2	1240′N 980′W SEc Sec. 20 14N 3W	Silurian	1769′	10	G.L. 580.2′
Aladdin Oil Development Co.	Linton-Osborne #1	330′N 330′E SWc NW SE Sec. 28 14N 3W	Silurian	1811′	100	G.L. 578.5′
Aladdin Oil Development Co.	Linton-Osborne #1-A	530′S 405′E NWc SE Sec. 28 14N 3W	Silurian	1762′	4	G.L. 570′
Aladdin Oil Development Co.	Michel #1	390′N 320′E SWc NW NW Sec. 28 14N 3W	Silurian	1757′	40	G.L. 594.5′
Aladdin Oil Development Co.	Truax #1	430′N 240′W SEc NW Sec. 28 14N 3W	Silurian	1742′	400	G.L. 565.1′
Aladdin Oil Development Co.	Hargis #1	93′S 740′W NEc Sec. 29 14N 3W	Hardin	1754′	50	G.L. 580′
Aladdin Oil Development Co.	Hargis #1-A	270′N 430′W SEc NE NE Sec. 29 14N 3W	Silurian & Hardin	1754′	50	G.L. 595′
Aladdin Oil Development Co.	Hargis #2-A	400′S 486′W NEc NW NE Sec. 29 14N 3W	Silurian & Hardin	1762′	75	G.L. 594′
Don Durr	Bennett Comm. #1	330′S 430′E NWc SW SE Sec. 14 15N 1W	Silurian	1955′	3	G.L. 599′
Don Durr	Bennett #2	330′N 330′W SEc SW Sec. 14 15N 1W	Silurian	1938′	22	G.L. 594′
I. R. Bennett	Vera Swope #1	330′N 330′E SWc Sec. 18 15N 2W	Silurian	1862′	75	G.L. 596′
Pat Gentile	Toles #1	330′N 330′E SWc E½ Lot #2 Sec. 18 15N 2W	Silurian	1886′	102	G.L. 598′
Comanche Oil Corp.	Buzzard #1	330′N 660′W SEc SW SE Sec. 13 15N 3W	Silurian	1845′	65	G.L. 596.6′
Hutchco Drilling Co.	Rogers #1	330′N 330′W SEc NE SW Sec. 13 15N 3W	Silurian	1877′	151	G.L. 611′
Comanche Oil Corp.	Swope #6	330′N 330′E SWc SE NE Sec. 13 15N 3W	Silurian	1785′	40	G.L. 551′
Comanche Oil Corp.	McDermith #1	330′S 330′E NWc SE NW Sec. 24 15N 3W	Silurian	1845′	440	G.L. 592′
Comanche Oil Corp.	McDermith #1-A	330′S 330′E NWc NE SW Sec. 24 15N 3W	Silurian	1850′	175	G.L. 589′
Comanche Oil Corp.	McDermith #2	660′S 330′W NEc SE NW Sec. 24 15N 3W	Silurian	1830′	160	G.L. 592.7′
Comanche Oil Corp.	McDermith #3	330′S 330′W NEc SW Sec. 24 15N 3W	Silurian	1842′	35	G.L. 591′
I. R. Bennett	McDermith Comm. #1	330′N 330′E SWc NE NE Sec. 24 15N 3W	Silurian	1843′	90	G.L. 587.2′
I. R. Bennett	Swope #2	330′N 330′E SWc NE Sec. 24 15N 3W	Silurian	1842′	1000	G.L. 592′
Comanche Oil Corp.	Swope #2-A	330′S 330′E NWc SW NE Sec. 24 15N 3W	Silurian	1843′	240	G.L. 591.9′
Comanche Oil Corp.	Swope #3	330′S 330′E NWc SE Sec. 24 15N 3W	Silurian	1860′	40	G.L. 591.6′
Comanche Oil Corp.	Swope-B & O R.R. Comm. #1	330′N 330′W SEc NW NE Sec. 24 15N 3W	Silurian	1832′	155	G.L. 586.2′
Comanche Oil Corp.	Swope-Watts Comm. #1	280′N 330′E SWc NW NE Sec. 24 15N 3W	Silurian	1832′	260	G.L. 593.2′
Comanche Oil Corp.	Young Comm. #2	330′N 330′E SWc NE NW Sec. 24 15N 3W	Silurian	1832′	120	G.L. 592.3′
Comanche Oil Corp.	Young Comm. #3	330′N 330′W SEc NE NW Sec. 24 15N 3W	Silurian	1832′	150	G.L. 585.8′
Comanche Oil Corp.	Young-McDermith Comm. #1	330′S 330′W NEc SW NW Sec. 24 15N 3W	Silurian	1831′	200	G.L. 587.5′
CLARK COUNTY						
Max Wezelman	Gerald Morrill #24	330′N 1340′W SEc SW Sec. 12 11N 14W	Penn.	403′	8	G.L. 652′
CLAY COUNTY						
Caesar J. Casolari	Charles Pickering Etal #2	330′N 330′W SEc SW NE Sec. 2 2N 5E	Aux Vases	2983′	87	G.L. 513′
R. H. Billingsley	A. Fatheree #1	660′S 660′E NWc NE Sec. 8 2N 5E	Carper	4284′	70	G.L. 528′
Triangle Oil Co., Inc.	Hosselton-Daly #4	330′S 660′W NEc SE SE Sec. 1 2N 7E	McClosky	3200′	52	G.L. 461′

Midwest Oil Producers	Stanford #1	330'S 330'E NWc NE SE Sec. 5 2N 7E	McClosky	3165'	25	G.L. 462'
Midwest Oil Producers	Strange #1	330'S 330'E NWc SE Sec. 5 2N 7E	Aux Vases	3120'	20	D.F. 461'
Charles E. Booth	Hale #1	330'S 330'E NWc NE NE Sec. 14 2N 7E	McClosky	3145'	85	G.L. 457'
Charles E. Booth	Hale #2	330'S 330'W NEc Sec. 14 2N 7E	McClosky	3100'	50	G.L. 455'
Walter O. Lindstrom	Modlin #1-A	330'S 330'W NEc SE SE Sec. 35 3N 5E	Aux Vases	2812'	33	D.F. 529'
James C. Franklin	J. O. Tolliver #3	330'S 330'E NWc NE NW Sec. 2 3N 7E	McClosky	2958'	60	G.L. 430'
Charles E. Booth	W. Harris #1	990'N 990'W SEc SW SE Sec. 7 3N 8E	Aux Vases	3051'	35	G.L. 424'
National Associated Petroleum Co.	Jesse Hunley #1	990'S 330'E NWc Sec. 8 3N 8E	Aux Vases	3107'	7	G.L. 428'
Triple "B" Oil Producers, Inc.	C. O. Klinger #2	990'S 1650'E NWc NE NW Sec. 21 3N 8E	McClosky	3270'	20	G.L. 423'
Triple "B" Oil Producers, Inc.	Blessing #1	330'S 330'E NWc SW NW Sec. 22 3N 8E	St. Louis	3251'	24	G.L. 417'
M & C Drilling Co.	Hunley #1	430'N 330'W SEc SW Sec. 29 3N 8E	Aux Vases	3136'	11	G.L. 479'
John B. Murvin	Chandler #1	330'S 330'W NEc SW SE Sec. 31 3N 8E	Benoist	3180'	5	D.F. 470'
Union Oil Co. of California	Bunnyville Cons: Moseley Cons. B-#3	175'S 450'W NEc SW NE Sec. 32 3N 8E	Benoist	3115'	56	G.L. 436'
Union Oil Co. of California	Bunnyville Cons: Zoa Moseley #4	90'S 360'W NEc NW NE Sec. 32 3N 8E	Aux Vases	3000'	9	G.L. 465'
Everett M. Bangert	Travis #1	330'S 330'E NWc SE SW Sec. 33 3N 8E	McClosky	3050'	48	G.L. 424'
R. O. Wilson, II	G. L. Smith Etal #1	330'S 330'W NEc NW NW Sec. 13 4N 5E	Benoist	2476'	11	G.L. 514'
McKinney & Funderburk	Spencer-Cochran Comm. #1	330'N 330'W SEc NE NE Sec. 26 4N 5E	McClosky	2815'	4	G.L. 529'
Phoenix Production Co., Inc.	Bryant #1	330'N 330'W SEc SW NE Sec. 3 4N 7E	Aux Vases	2842'	20	G.L. 481.5'
C. D. Reed	McCollum #B-3	890'N 490'E SWc SE SW Sec. 9 4N 7E	Cypress	2655'	5	G.L. 479'
Robert E. Trimpe	Conley Heirs #3	330'N 330'E SWc NE NW Sec. 13 4N 7E	Rosiclare	2956'	120	G.L. 469'
Sylvia Britton	Schnepper #2-A	330'S 380'E NWc SE NW Sec. 22 4N 7E	Aux Vases	2971'	10	G.L. 469'
Sylvia Britton	Lowell Hagen #1	330'N 330'E SWc NE NE Sec. 27 4N 7E	McClosky	3000'	5½	G.L. 458'
Sylvia Britton	Hagen #4	330'S 330'E NWc NE NE Sec. 27 4N 7E	McClosky	3010'	3	G.L. 460'
Lowell & Leon Hagen	L. Hagen #1-A	330'N 330'E SWc NE Sec. 3 5N 5E	Aux Vases	3010'	85	G.L. 454'
Black Gold Development Co.	Norbut #2	330'N 330'W SEc NW Sec. 3 5N 5E	McClosky	2525'	70	G.L. 541.7'
Bangert Casing Pulling Corp.	C. E. Post #1	330'N 330'W SEc NW Sec. 3 5N 5E	Aux Vases	2497'	2	G.L. 544'
Thomas M. Kiernan	Post #2	330'S 330'E NWc SE Sec. 3 5N 5E	McClosky	2490'	59	G.L. 540.6'
Tom Kiernan	C. E. Post #3	330'N 330'E SWc NW SE Sec. 3 5N 5E	Aux Vases	2471'	25	G.L. 540.5'
Texaco Inc.	H. Poehler #5 (Tract 3)	330'S 330'E NWc SW NW Sec. 4 5N 7E	Weiler	2521'	Prod.	G.L. 530'
John B. Murvin	Murvin Heirs #6	330'S 330'E NWc NW NW NW Sec. 15 5N 7E	Cypress	2848'	5	G.L. 521'
Don W. Newton	L. Wattles #1-A	660'S 330'E NWc NE SW Sec. 36 5N 7E	Aux Vases & Cypress	2830'	17	G.L. 489'
CLINTON COUNTY						
S & W Drilling Co.	Knastman #2	1485'S 850'E NWc NE SE Sec. 24 1N 1W	Cypress	1493'	10	G.L. 496.4'
Odis Pattillo	Lampen #3	100'N 330'W SEc NE NW Sec. 16 1N 2W	Cypress	1168'	40	G.L. 445'
COLES COUNTY						
Safari Oil Co. & Associates	Rick #10	330'S 990'E NWc SE Sec. 2 11N 7E	Rosiclare	2063'	10	G.L. 759'
Walter Duncan	Ohm #20	1474'S 330'W NEc Sec. 10 11N 7E	Rosiclare	1981'	12	G.L. 734'
Walter Duncan	Ohm #21	1474'S 990'W NEc Sec. 10 11N 7E	Rosiclare	1976'	20	G.L. 726'
Charles Armantrout	Oliver #1	330'N 330'E SWc SE Sec. 2 12N 7E	Devonian	3172'	Gas	G.L. 690'
Walter Duncan	Oliver #17	430'N 330'W SEc NE SW Sec. 2 12N 7E	Rosiclare	1932'	1	G.L. 689'
Charles Armantrout	Herkimer #1-C	330'S 330'E NWc NE Sec. 11 12N 7E	Devonian	3172'	20	G.L. 690'
Schaefer Oil Co.	Homann #4	330'S 990'W NEc SW Sec. 11 12N 7E	Rosiclare	1990'	4	G.L. 709'
James R. Covington	Taylor #1	330'S 890'W NEc NW Sec. 11 12N 7E	Devonian	3171'	30	G.L. 691.5'
Safari Oil Co. & Associates	Henry Uphoff #14	330'S 790'W NEc Sec. 35 12N 7E	Cypress	2021'	80	G.L. 750'
CRAWFORD COUNTY						
Mid America Producers	N. Cohoon #1	330'S 330'W NEc SW SE Sec. 20 5N 11W	Robinson	955'	4	G.L. 465'
Mid America Producers	N. Cohoon #2	330'N 330'E SWc SE Sec. 20 5N 11W	Robinson	970'	4	G.L. 477'
Mid America Producers	N. Cohoon #3	660'N 330'E SWc NE SE Sec. 20 5N 11W	Robinson	947'	3	G.L. 479'

PRODUCING WELLS (Completed in 1970)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily	Elev.
Carmax Industries, Inc.	A. P. Bryant #1	330'S 330'E NWc NE Sec. 7 5N 12W	Penn.	1280	6½	G.L. 538'
Marathon Oil Co.	R. M. Clark a/c 4 #22	660'S 658'W NEc SW Sec. 17 7N 13W	St. Genevieve	1495'	52.3	G.L. 510'
Getty Oil Co.	M. Drake Account 1 #1-A	660'N 671'W SEc NW Sec. 17 7N 13W	Renault Bethel	1476'	40	G.L. 514.3'
Getty Oil Co.	M. Drake Account #1—Well 2A	1980'N 671'W SEc NW Sec. 17 7N 13W	Renault Bethel	1442'	58	G.L. 516.7'
Marathon Oil Co.	L. C. & J. H. Wilkin #28	655'S 660'E NWc Sec. 17 7N 13W	St. Genevieve	1506'	110.8	G.L. 510'
Marathon Oil Co.	J. G. McKnight a/c 1 #57	660'S 660'W NEc NW SE Sec. 18 7N 13W	St. Louis	1515'	72.4	G.L. 503'
Marathon Oil Co.	Arnold-Newlin Unit #1	675'N 665'W SEc SW NE Sec. 19 7N 13W	Benoist	1503'	15	G.L. 498'
Getty Oil Co.	S. O. Allen #50	672'N 628'W SEc NE Sw Sec. 29 7N 13W	St. Genevieve	1445'	73	G.L. 493.5'
Getty Oil Co.	S. O. Allen #51	672'N 666'E SWc NW SE Sec. 29 7N 13W	St. Genevieve	1450'	16	G.L. 498.4'
Royalco, Inc.	Best #B-2	659'N 600'W SEc NW NE Sec. 29 7N 13W	Benoist	1370'	8	G.L. 503'
Royalco, Inc.	Dennis Hrs. #G-3	375'N 467'E SWc NW Sec. 29 7N 13W	Benoist	1370'	40	G.L. 496'
Royalco, Inc.	Dennis Heirs #37	660'N 660'E SWc NW SW Sec. 29 7N 13W	Benoist	1373'	6	G.L. 491'
Royalco, Inc.	Reedy #B-2	700'N 330'E SWc NW NW Sec. 29 7N 13W	Benoist	1365'	40	G.L. 502'
Royalco, Inc.	Wilkin #1-B	600'S 625'W NEc SW NE Sec. 29 7N 13W	Benoist	1403'	13	G.L. 499'
Royalco, Inc.	Dennis Hrs. #38	659'S 400'W NEc SE NE Sec. 30 7N 13W	Benoist	1385'	2	G.L. 498'
Royalco, Inc.	O. R. Smith #B-1	659'N 400'W SEc NE NE Sec. 30 7N 13W	Benoist	1381'	30	G.L. 506'
DOUGLAS COUNTY						
Elton M. Botts	William Jones #2	1650'S 330'W NEc NW NW Sec. 24 15N 7E	Rosiclare	1712'	50	G.L. 661.04'
EDGAR COUNTY						
Barr-Homann & Robinson	Baber #10	990'S 330'E NWc SE Sec. 9 13N 13W	Penn.	465'	5	G.L. 697'
Jesse L. Goff, Trustee	Olive Honn #1	660'N 230'E SWc NW NW Sec. 22 13N 14W	Penn.	454'	Prod.	G.L. 700'
EDWARDS COUNTY						
F. M. Minor Drilling Co.	Fiscus-Mewes Comm. #1	400'N 415'E SWc SE NE Sec. 15 1N 10E	McClosky	3344'	15	G.L. 492'
Donald E. Schmitt	F. Bristow #1	330'N 330'E SWc NW Sec. 30 1N 11E	Rosiclare	3323'	20	G.L. 512'
Reading & Bates Offshore Drlg. Co. and Reading & Bates, Inc.	Wolfe Etal Comm. #1	309'S 295'W NEc SE SW NE Sec. 1 2S 10E	Aux Vases	3125'	4	G.L. 483'
Ram Oil Corp.	Raymond Messman #1	330'S 330'E NWc SW Sec. 9 2S 14W	Aux Vases	3073'	10	G.L. 400'
Alva C. Davis Petroleum, Inc.	L. Mundy #3	750'N 750'E SWc SE NW Sec. 26 2S 14W	Waltersburg	2194'	9	G.L. 393'
Ram Oil Corp.	Josephine Schroeder #1	660'N 330'W SEc NE Sec. 27 2S 14W	Tar Springs	2232'	35	G.L. 438'
John M. Zanetis	Cowling #4-B	330'N 330'E SWc SE NE Sec. 28 2S 14W	Rosiclare	3090'	10	G.L. 437'
EFFINGHAM COUNTY						
Robert B. Evans Oil Co.	Clarance F. Mohr #1	330'N 330'W SEc NW Sec. 15 6N 5E	Benoist	2333'	6	G.L. 580.6'
T. L. Lang	Byers #3	990'S 330'E NWc NE Sec. 20 6N 5E	Benoist	2296'	25	G.L. 573'
Thomas J. Logue	Buchholz #2	330'N 330'W SEc SW NE NE Sec. 27 6N 5E	Benoist	2622'	1½	G.L. 555'

Leslie E. Mason	Verdeyen #1	660'N 660'W SEc NE SE Sec. 17 6N 6E	McClosky	2575'	5	G.L. 478'
George Cullum d/b/a Cullum Oil Co.	Mellendorf #1	330'S 360'E NWc SW Sec. 31 6N 7E	Cypress	2476'	4	G.L. 535'
FAYETTE COUNTY						
Humble Oil & Refining Co.	Iva Miller #2	330'S 330'E NWc NE NE Sec. 16 8N 3E	Weiler	1607'	34	G.L. 605'
N. A. Baldridge	Ping Bros. #1-A	330'S 990'E NWc SW NE Sec. 16 8N 3E	Cypress	1616'	9	G.L. 609'
Humble Oil & Refining Co.	George Durbin #2	330'N 330'W SEc SE SW SW Sec. 22 8N 3E	Aux Vases	1531'	96	G.L. 539'
FRANKLIN COUNTY						
L. L. Tuck	Lewis-Neuf #1-B	230'N 280'W SEc NE SE Sec. 29 5S 2E	Rosiclare	2856'	18	G.L. 477'
Eber McEndree	Emma M. Rea Etal Comm. #2	777'S 330'E NWc NE SE Sec. 36 5S 2E	Paint Creek	2704'	15	G.L. 422'
Fletcher F. Farrar	Rehn-Perenchio #1FB	220'N 330'W SEc SW SE Sec. 24 6S 1E	Renault	2635'	3	G.L. 418'
Shell Oil Company	Shell-Benton Deep Waterflood Unit #14-W	402'N 127'E SWc NW SW Sec. 36 6S 2E	Tar Springs	3117'	17	G.L. 452'
Victor R. Gallagher	Zeigler Coal & Coke (Southeast Ziegler Account) #1	255'N 330'E SWc NW Sec. 30 7S 2E	Aux Vases	2770'	36	G.L. 378'
Killion & McClement Oil Operators, Inc.	Hubbard #1-D	400'S 270'E NWc SE NW Sec. 29 7S 3E	Aux Vases	2797'	25	G.L. 407'
Killion & McClement Oil Prod.	Pigg #1D	440'N 330'W SEc NW Sec. 29 7S 3E	Aux Vases	2820'	10	G.L. 409'
HAMILTON COUNTY						
S. F. Johnson	Geo. Johnson #1	330'S 330'E NWc SW SE Sec. 21 6S 5E	Aux Vases	3259'	25	G.L. 468'
S. F. Johnson	Johnson #3	258'S 330'W NEc SE SW Sec. 21 6S 5E	Aux Vases	3250'	2	G.L. 468'
Stewart Prod, Inc. & Stewart Bros., a Partnership	Barker Heirs #1	330'S 330'E NWc NE Sec. 26 6S 5E	O'Hara	3221'	5	G.L. 427.5'
C. R. Sowle	Burnett-Johnson Comm. #2	330'N 330'W SEc NE SE Sec. 26 6S 5E	Aux Vases	3515'	490	G.L. 462'
Texaco Inc.	J. C. Hall "B" #14 (Tract 41)	330'N 330'E SWc NW Sec. 17 6S 7E	Cypress	2794'	89	G.L. 371'
JASPER COUNTY						
John M. Zanetis	I. L. Blair #1	330'S 330'E NWc SE NE Sec. 22 5N 9E	McClosky	3103'	18	G.L. 509'
John M. Zanetis	DiCiro #1	330'S 330'E NWc SW Sec. 23 5N 9E	McClosky	3061'	30	G.L. 483'
John M. Zanetis	Mattingly #3	410'S 330'E NWc Sec. 5 5N 10E	Aux Vases	2935'	40	G.L. 505'
Shulman Brothers	Adams #1-A	1650'S 330'E NWc NE Sec. 20 5N 10E	McClosky	2809'	12	G.L. 481'
John M. Zanetis	J. Boehl #4	660'S 330'E NWc NE NE Sec. 8 5N 14W	McClosky	2880'	10	G.L. 454'
Raymond Bergbower	Raymond Bergbower #1	330'S 660'E NWc SW Sec. 3 6N 10E	McClosky	2763'	7	G.L. 473.7'
Kenneth R. Freed	Mascher #2-A	915'S 330'W NEc Sec. 3 6N 10E	McClosky	2996'	17	G.L. 523'
Walter K. Howard	Harold Keller #4	330'N 330'E SWc NW SW Sec. 9 6N 10E	McClosky	2860'	52	G.L. 527.5'
Walter K. Howard	Harold Keller #5	660'N 330'W SEc SW SW Sec. 9 6N 10E	McClosky	2888'	15	G.L. 527'
Springman-VanFossan	Ritz Heirs #1	990'N 330'W SEc SW NE Sec. 11 6N 10E	McClosky	2799'	24	G.L. 474'
George Parrish d/b/a Parrish Production Co.	Warren Cons. #2	330'S 330'E NWc NE Sec. 23 6N 10E	Salem	3324'	17	D.F. 510'
George Parrish d/b/a Parrish Production Co.	Zola Klingler Comm. #1	330'S 330'E NWc NE Sec. 31 6N 10E	McClosky	2991'	70	G.L. 530'
George Parrish d/b/a Parrish Production Co.	Odilla Kocher #1	330'S 460'W NEc SE NE Sec. 31 6N 10E	McClosky	2945'	6	G.L. 522'
Union Oil Co. of California	Houser Cons. #2	330'S 330'E NWc SE Sec. 33 6N 10E	McClosky	2869'	84	G.L. 505'
Bill E. Webster	L. H. Kerner #1	990'N 990'W SEc SW Sec. 26 7N 10E	St. Louis	2920'	10	G.L. 533'
George Parrish d/b/a Parrish Production Co.	Dhom Heirs #3	330'S 660'W NEc SW SW Sec. 34 7N 10E	St. Louis	3010'	2	G.L. 470'

PRODUCING WELLS (Completed in 1970)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily	Elev.
JEFFERSON COUNTY						
Midwest Drilling & Exploration Services	Stirewalt-Davis #1	330'N 330'W SEc SW NE Sec. 12 1S 3E	Salem	3192'	15	G.L. 471'
Nick Babare Jr.	O. D. Frost #3	990'N 660'W SEc NW Sec. 26 1S 3E	McCLosky	3270'	25	G.L. 604'
David F. Herley	Mason #2-A	470'N 392'W SEc NW SW Sec. 7 1S 4E	Salem	3185'	45	G.L. 473.4'
John R. Dunnhill	Tom Simmons #4	330'N 330'E SWc Sec. 7 1S 4E	Salem	3285'	15	G.L. 521.5'
Virgil Streeter	Lulu Barnett #1	380'S 330'E NWc NE Sec. 18 1S 4E	Salem	3195'	120	G.L. 512'
LAWRENCE COUNTY						
Clarence Catt, Jr.	Alfred P. Siegle Jr. #1	2970'N 955'W SEc SW SE Sec. 18 2N 11W	McClosky	2106'	9	G.L. 476'
Clarence Catt, Jr.	Alfred P. Siegle Jr. #1-A	2590'N 594'W SEc SW SE Sec. 18 2N 11W	McClosky	2096'	4	G.L. 475'
Clarence Catt, Jr.	Alfred P. Siegle Jr. #2	2178'S 1956'E NWc Sec. 18 2N 11W	Benoist	2097'	3	G.L. 463'
Herman E. Brinkley	Gillespie Comm. #1	330'N 330'E SWc NW Sec. 11 2N 12W	Biehl	1289'	30	G.L. 450'
Joe W. Cook	P. Young #1	330'S 330'E NWc NE SW Sec. 11 2N 12W	Penn.	823'	20	G.L. 442'
Joe W. Cook	P. Young #2	330'S 330'W NEc SW Sec. 11 2N 12W	Penn.	820'	18	G.L. 425'
Joe W. Cook	P. Young #3	990'S 330'E NWc NE SW Sec. 11 2N 12W	Penn.	823'	20	G.L. 400'
Joe W. Cook	P. Young #4	990'S 330'W NEc SW Sec. 11 2N 12W	Penn.	798'	2	G.L. 425'
Charles E. Carr	Ridgley-Harding Comm. #2	330'N 330'E SWc NW NW Sec. 12 2N 12W	Biehl	1317'	20.63	G.L. 450'
Shanoro Oil, Inc.	Moore #1	330'N 330'W SEc NW SE Sec. 16 2N 13W	McClosky	2716'	22	G.L. 464'
Walter McClure	Walter McClure #2	1410'S 318'E NWc Frac. NW Sec. 28 3N 11W	Rosiclare	1910'	10	G.L. 441'
Wayne Smith Operator, Inc.	Oscar Leighty #19-0	330'S 450'E NWc Frac. SW Sec. 31 3N 11W	Cypress	1599'	10	G.L. 441'
John M. Zanetis	Sumner #5-A	910'N 403'E SWc NW Sec. 2 3N 12W	Cypress Buchanan	1655'	30	G.L. 477'
Marathon Oil Co.	S. Booe #64	395'S 371'W NEc NW SE Sec. 8 3N 12W	Bridgeport	976'	1.24	G.L. 443'
Curtis Companies	R. Fox Heirs Comm. #1	356'S 425'W NEc SE NW Sec. 9 3N 12W	McClosky	1860'	Prod.	G.L. 447'
Wayne Smith Operator, Inc.	E. J. Seed #163	330'N 660'E SWc Sec. 15 3N 12W	Buchanan	1628'	1	G.L. 467'
Wayne Smith Operator, Inc.	E. J. Seed #141	330'N 500'W SEc NE SE Sec. 16 3N 12W	Cypress	1668'	40	G.L. 457'
W. H. Kinsell	Allison #1	330'N 990'E SWc Sec. 18 3N 12W	Benoist	1973'	80	G.L. 516'
W. H. Kinsell	Allison #3	330'N 330'E SWc Sec. 18 3N 12W	Benoist	1960'	90	G.L. 497'
E. L. Whitmer, Inc.	Allen Gray #6-A	330'N 990'W SEc NW NW Sec. 19 3N 12W	Benoist	1984'	120	G.L. 479.2'
E. L. Whitmer, Inc.	Allen Gray #7-A	330'S 330'E NWc SE NW Sec. 19 3N 12W	Benoist	2013'	130	G.L. 471.8'
E. L. Whitmer, Inc.	Allen Gray #8-A	330'N 330'E SWc NE NW Sec. 19 3N 12W	Benoist	1974'	107	G.L. 501.4'
E. L. Whitmer, Inc.	Allen Gary #9-A	330'S 351'E NWc NW NW Sec. 19 3N 12W	Benoist	1986'	175	G.L. 496.3'
E. L. Whitmer, Inc.	Allen Gray #10-A	330'S 1051'E NWc NW NW Sec. 19 3N 12W	Benoist	2010'	28	G.L. 508.2'
Bernard Podolsky	M. L. Calvert #6	990'S 954'W NEc NW Sec. 22 3N 12W	Cypress	1631'	12	G.L. 440'
Junior Wolfe d/b/a Illinois Oil Co.	McCroskey Heirs #0-1	330'S 330'W NEc NW SE Sec. 25 3N 12W	Cypress	2325'	27	G.L. 468'
Marathon Oil Company	Laura Gillespie #31	628'N 698'E SWc NE Sec. 27 3N 12W	Hardinsburg	1450'	15	G.L. 485'
Marathon Oil Company	W. E. Robins a/c 2 #25	674'N 450'W SEc NE SW Sec. 27 3N 12W	Hardinsburg	1485'	56	G.L. 484'
Marathon Oil Company	W. E. Robins a/c 2 #26	696'N 710'E SWc NW SE Sec. 27 3N 12W	Hardinsburg	1445'	70	G.L. 479'
Darrell S. Huddleston	S. J. Robins #3	330'S 330'W NEc SW Sec. 34 3N 12W	Cypress	1695'	16	G.L. 490'
Marathon Oil Co.	L. A. Vandermark #20	666'N 825'W SEc NE NE Sec. 34 3N 12W	Hardinsburg	1491'	66	G.L. 527'
Marathon Oil Co.	G. L. Ryan a/c 3 #45	660'S 660'W NEc Sec. 35 3N 12W	Bridgeport	1706'	Prod.	G.L. 486'
Marathon Oil Co.	G. L. Ryan a/c 3 #46	678'S 660'E NWc Sec. 36 3N 12W	Bridgeport	1693'	12	G.L. 460'
W. H. Kinsell	Leighty #1	330'N 330'W SEc Sec. 13 3N 13W	McClosky	2145'	25	G.L. 481'
E. L. Whitmer, Inc.	Paul W. Bennett #1-A	330'N 330'W SEc SW Sec. 34 3N 13W	McClosky	2661'	288	G.L. 519.7'
E. L. Whitmer, Inc.	Paul Woodrow Bennett #3-A	330'N 330'E SWc SE SW Sec. 34 3N 13W	McClosky	2665'	62	G.L. 521.2'

E. L. Whitmer, Inc.	Bennett-Burgett #1-A	330′N 600′E SWc NE SW Sec. 34 3N 13W	McClosky	2610′	73	G.L. 504.7′
Marathon Oil Co.	C. L. Lewis #50	391′N 386′W SEc NW SW Sec. 20 4N 12W	Bridgeport	1644′	34	G.L. 432′
Curtis Companies	Hankins Etal Comm. #1	330′N 330′W SEc SW NW Sec. 28 4N 12W	Benoist	1821′	4	G.L. 473.3′
MACON COUNTY						
R. D. Hale	Vivian Schwarze #3-A	990′S 330′E NWc NE SW Sec. 24 17N 2E	Silurian	2155′	10	G.L. 674.9′
MADISON COUNTY						
S. B. Schenk	Blom #2	330′S 330′E NWc SW NW Sec. 34 6N 6W	Penn.	555′	3	G.L. 540′
MARION COUNTY						
Texaco Inc.	Salem Unit O/A-Tract 158 (E. Barthing "C") #23	1015′N 685′W SEc NW Sec. 4 1N 2E	Devonian	3615′	35	G.L. 536′
Texaco Inc.	O. E. Johnson #39 (Tract 170)	998′S 795′E NWc SW Sec. 4 1N 2E	Devonian	3570′	231	G.L. 523′
Texaco Inc.	C. E. Richardson "B" NCT-1-#18 (Tract 171) Salem Unit	930′N 500′W SEc Sec. 5 1N 2E	Devonian	3567′	164	G.L. 530′
Texaco Inc.	W. Friedrich "B" #22 (Tract 192)	660′N 660′E SWc SE NE Sec. 8 1N 2E	Devonian	3680′	68	G.L. 546′
Texaco Inc.	W. Friedrich "B" #23	280′S 330′E NWc NE NE Sec. 8 1N 2E	Devonian	3615′	240	G.L. 531′
Texaco Inc.	W. D. Fyke #13 (Tract 215)	330′N 660′E SWc NW SE Sec. 8 1N 2E	Devonian	3625′	5	G.L. 551′
Texaco Inc.	M. J. Bryant #22 (Tract 199)	725′N 750′E SWc NW Sec. 9 1N 2E	McClosky	3609′	128	G.L. 479′
Texaco Inc.	R. Lankford #9 (Tract 193)	330′S 330′E NWc Sec. 9 1N 2E	Devonian	4790′	130	G.L. 524′
Doran Oil Properties	Ruben Young #3-B	660′N 1120′E SWc NW Sec. 7 2N 2E	St. Louis	2210′	50	D.F. 540′
Texaco Inc.	Salem Unit O/A Tract 46 (J. H. Young) Well #113	1087′S 976.5′W NEc NW Sec. 28 2N 2E	Devonian	3497′	42	D.F. 527′
Texaco Inc.	Salem Unit O/A Tract 85 Well #35	213′S 332′E NWc SW SE Sec. 29 2N 2E	Devonian	4617′	30	D.F. 517′
Texaco Inc.	Salem Unit O/A Tract 95 (A. N. McCollum) Well #22	400′N 375′E SWc NW NE Sec. 32 2N 2E	Devonian	4622′	8	D.F. 490′
Texaco Inc.	Salem Unit O/A Tract 126 (C. G. Farthing) Well #10	398′N 608′E SWc NE SW Sec. 33 2N 2E	Devonian	3521′	105	D.F. 534′
Texaco Inc.	C. E. Loyd #37 (Tract 80) Salem Unit	502′S 50′W NEc NW NE Sec. 33 2N 2E	Salem	3618′	15	G.L. 523′
Texaco Inc.	Salem Unit O/A Tract 107-(S, Shereshoveck) Well #9	280′N 338′E SWc NW Sec. 33 2N 2E	Devonian	3483′	186	D.F. 522′
Karchmer Pipe & Supply Co.	Meryman #1-A	662.8′N 338′E SWc SE SW Sec. 21 4N 1E	Aux Vases	1459′	15	G.L. 496.9′
Karchmer Pipe & Supply Co.	Merryman #2-A	660′N 282′W SEc SE SW SW Sec. 21 4N 1E	Renault	1453′	15	G.L. 492′
PERRY COUNTY						
Leonard E. Bixby	Hampleman #1	330′N 330′E SWc SE SE Sec. 4 5S 1W	Cypress	1200′	20	G.L. 479′
RICHLAND COUNTY						
Triple "B" Oil Producers, Inc.	A. J. Fritschle #1	330′S 330′E NWc SE NW Sec. 3 2N 14W	McClosky	3210′	24	G.L. 459′
Triple "B" Oil Producers, Inc.	J. McVaigh #1	330′S 330′E NWc SE NE Sec. 16 2N 14W	McClosky	3121′	50	G.L. 441′
Triple "B" Oil Producers, Inc.	H. Stremme #1	330′S 330′W NEc NW SE Sec. 16 2N 14W	McClosky	3198′	140	G.L. 442′
Aimco, Inc.	Kocher #1	330′N 660′E SWc Sec. 8 3N 14W	Rosiclare	3226′	12	G.L. 510′
Aimco, Inc.	Kocher #1-B	1650′N 660′E SWc Sec. 8 3N 14W	Rosiclare	3305′	1	G.L. 512′
Aimco, Inc.	E. Scherer #1-B	330′S 660′E NWc Sec. 17 3N 14W	Rosiclare	3245′	26	G.L. 507′
Triple "B" Oil Producers, Inc.	E. Heckler #1	330′N 330′W SEc SW NE Sec. 18 3N 14W	McClosky	3308′	40	G.L. 512′
Aimco, Inc.	E. Schere #1	330′N 330′W SEc NE NE Sec. 18 3N 14W	Rosiclare	3267′	50	G.L. 511′

PRODUCING WELLS (Completed in 1970)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily	Elev.
Ives Boisvert d/b/a Ives Oil Producers	Groff #1	330'N 330'E SWc NE Sec. 28 3N 14W	McClosky	3260'	22	G.L. 492'
John M. Zanetis	D. Kermicle #1	417'N 330'W SEc NE NE Sec. 5 4N 10E	McClosky	3006'	110	G.L. 464'
R. E. Koons & A. R. Frank d/b/a Koons & Frank Petroleum Exploration	Murry #1	330'S 660'E NWc NE NW Sec. 6 4N 10E	McClosky	3401'	35	G.L. 476.3'
R. E. Koons & A. R. Frank d/b/a Koons & Frank Petroleum Exploration	Murry Comm. #2	330'S 660'W NEc NW NE Sec. 6 4N 10E	Salem	3406'	50	G.L. 462.2'
Aimco, Inc.	Herman Buss #1	330'N 330'W SEc NE SW Sec. 19 4N 14W	Rosiclare	3154'	27	G.L. 491'
R. L. Van Fossan	Kermicle #2	330'S 330'E NWc SE Sec. 31 5N 10E	St. Louis	3006'	31	G.L. 468'
ST. CLAIR COUNTY						
James H. Donnewald	Pearl Hunter #2-A	330'S 330'W NEc NW SE Sec. 36 3S 6W	Silurian	2075'	50	G.L. 516'
James H. Donnewald	Pearl Hunter #2-B	330'N 140'W SEc SW NE Sec. 36 3S 6W	Silurian	2225'	5	G.L. 508'
James H. Donnewald	Pearl Hunter #6	330'N 130'W SEc NE SW SE Sec. 36 3S 6W	Silurian	2224'	180	G.L. 520'
SALINE COUNTY						
Eugene E. Morris	Brown-Baker #1	330'N 330'E SWc NE SE Sec. 20 8S 5E	Aux Vases	2981'	51	G.L. 416'
Eugene E. Morris	W. B. Pulliam Jr. #2	990'S 330'W NEc SE NE Sec. 20 8S 5E	Cypress	2600'	30	G.L. 401'
Eugene E. Morris	Wayman Garner #1	330'S 330'E NWc SW NW Sec. 21 8S 5E	Cypress	2594'	20	G.L. 396'
Stewart Producers, Inc. & Stewart Brothers, a Partnership	Thompson #1	400'S 330'E NWc NE Sec. 22 8S 5E	Paint Creek	2728'	14	G.L. 378.5'
Shawnee Petroleum Assoc., Inc.	Junior A. Phipps #2	400'S 400'E NWc NE Sec. 24 8S 7E	Tar Springs	2215'	30	G.L. 417'
SANGAMON COUNTY						
Homeier Oil Assoc.	Munson #3	660'N 430'E SWc SE Sec. 9 15N 3W	Silurian	1744'	1000	G.L. 544'
Homeier Oil Assoc.	Munson #4	815'N 330'W SEc SW SE Sec. 9 15N 3W	Silurian	1746'	22	G.L. 548'
Homeier Oil Assoc.	Munson #5	80'N 330'E SWc NW SE Sec. 9 15N 3W	Silurian	1743'	160	G.L. 550'
Jess Werner	R. B. Ross #1	330'S 330'W NEc NW Sec. 9 15N 3W	Silurian	1757'	39	G.L. 544'
Boyd Marquand	John W. George #1	330'N 230'E SWc SE NE Sec. 14 15N 3W	Silurian	1905'	30	G.L. 575'
Joseph W. Miloncus d/b/a M & N Oil Co.	McLean #1-M	330'N 660'E SWc NE Sec. 19 15N 3W	Silurian	1754'	14	G.L. 574'
John Carey Oil Co., Inc.	Simpson #1	326'N 712'E SWc Sec. 14 15N 4W	Silurian	1708'	202	G.L. 581'
William B. Hudson	Coe #1	330'N 330'W SEc NW SW Sec. 14 15N 4W	Cypress	1666'	40	G.L. 457'
J. U. Dodge	Waddle #1	430'N 330'E SWc NW NE Sec. 34 16N 4W	Silurian	1596'	200	G.L. 573.2'
WABASH COUNTY						
John M. Zanetis	Stillwell #2	330'N 500'W SEc NW SW Sec. 15 1N 12W	Cypress	2062'	30	G.L. 482'
Robert Dayson	C. O. Lanman #1	330'S 330'E NWc SE NE Sec. 33 2N 12W	McClosky	3002'	Prod.	G.L. 449'
Dayton F. Loeffler	Scott Clark #0-1	990'S 990'W NEc NW Sec. 36 2N 12W	Tar Springs	1611'	1	G.L. 459'
Southern Triangle Oil Co.	Couch #1-A	500'N 1630'E SWc Sec. 16 1S 12W	Cypress	1995'	5	G.L. 396'
Southern Triangle Oil Co.	Nora Seibert #2	1240'N 1650'E SWc. Sec. 16 1S 12W	Cypress	1993'	4	G.L. 398'
Southern Triangle Oil Co.	Robert Watt #1	390'S 20'W NEc Sec. 20 1S 12W	Cypress	2064'	5	G.L. 461'
Southern Triangle Oil Co.	Thomas Crandall Etal #1	495'S 795'E NWc Sec. 21 1S 12W	Cypress	1991'	18	G.L. 402'

Andy G. Hocking	Hocking-Seiler #4	330'N 330'W SEc NW NW Sec. 35 1S 13W	Cypress	2412'	28	G.L. 422'
Getty Oil Company	South Keensburg Unit-Legier Lse.-Tract 10A-Well #3	330'N 330'E SWc SE Sec. 17 2S 13W	Bethel	2606'	23	G.L. 401.5'
O. H. & F., Inc.	Clarence Schmidt #5	360'N 360'W SEc NE NW SE Sec. 19 2S 13W	Bridgeport	1325'	19	G.L. 406'
Getty Oil Co.	South Keensburg Unit (S. Dague) (Tract 16 Well #4)	330'N 330'W SEc NE NE NW Sec. 20 2S 13W	Biehl, Clore	1838'	21	G.L. 409'
WASHINGTON COUNTY						
N. A. Baldridge	Flick #1	160'S 570'W NEc NW NW Sec. 11 2S 1W	Cypress	1465'	3	G.L. 533'
Louis H. Kapp Jr.	Klaybor #1	330'N 330'W SEc NW NW Sec. 17 3S 1W	Cypress	1375'	30	G.L. 550'
Charles Stephens	Orr-Franklin Comm. #2	330'S 330'E NWc SW Sec. 31 3S 5W	Silurian	2240'	80	G.L. 513'
WAYNE COUNTY						
Republic Oil Co.	Forth #1	330'N 330'E SWc Sec. 24 1N 5E	McClosky	3108'	28	G.L. 487.5'
John B. Murvin	Reid #1	330'S 330'W NEc SE NE Sec. 10 1N 7E	Aux Vases	3167'	25	G.L. 440'
Robinson Production, Inc.	Dwyer #2	330'S 330'W NEc Sec. 12 1N 7E	Aux Vases	2952'	3	G.L. 401'
Robinson Production, Inc.	Simmons #1	330'S 330'E NWc NE SW Sec. 23 1N 7E	Aux Vases	3148'	80	G.L. 462'
Robinson Production, Inc.	Watson #1	355'S 330'E NWc SW Sec. 23 1N 7E	Aux Vases	3141'	32	G.L. 462'
Midwest Oil Producers	Fitch #1	330'S 330'E NWc SE SW Sec. 3 1N 8E	Salem	3730'	50	G.L. 429'
Republic Oil Co.	Gill #1	990'S 330'E NWc NE Sec. 3 1N 8E	Rosiclare	3761'	65	G.L. 446'
Republic Oil Co.	McCracken #2	990'S 330'E NWc NE NW Sec. 3 1N 8E	Penn.	3142'	21	G.L. 449'
Southern Illinois Oil Producers, Inc.	W. Hubble #3	330'N 330'E SWc SE SW Sec. 4 1N 8E	Aux Vases	3026'	Prod.	G.L. 429'
Midwest Oil Producers	M. Best #1	330'S 330'W NEc SE SE Sec. 9 1N 8E	McClosky	3193'	15	G.L. 443'
Midwest Oil Producers	Hubble #1	330'S 330'E NWc NE NW Sec. 9 1N 8E	McClosky	3719'	40	G.L. 433'
Midwest Oil Producers	Daubs #1	330'S 330'E NWc SW SW Sec. 12 1N 8E	McClosky	3800'	35	G.L. 444'
Republic Oil Co.	Walker #1	330'S 330'E NWc SW SW Sec. 15 1N 8E	Rosiclare	3100'	115	G.L. 422'
Republic Oil Co.	Fildes Comm. #1	330'S 330'W NEc SE SE Sec. 16 1N 8E	McClosky	4982'	25	G.L. 426'
Republic Oil Co.	Laird #1	330'N 330'W SEc NE SE Sec. 16 1N 8E	Rosiclare	3162'	96	G.L. 425'
John B. Murvin	Laird #1	330'S 330'W NEc SW SE Sec. 17 1N 8E	O'Hara	3099'	5	G.L. 395'
John B. Murvin	Trotter #2	330'N 330'E SWc NW NE Sec. 20 1N 8E	O'Hara	3141'	50	G.L. 421'
Larry Hudson	L. Shelton #1	330'S 330'E NWc Sec. 22 1N 8E	O'Hara	3125'	60	G.L. 409'
John B. Murvin	Lambrich #1	330'S 330'E NWc SE NE Sec. 29 1N 8E	O'Hara	3164'	65	G.L. 414'
John B. Murvin	B. Lambrich #1	990'N 330'W SEc NE Sec. 30 1N 8E	O'Hara	3173'	15	G.L. 429'
John D. Gordon	Bothwell #1-A	660'S 330'E NWc NE SE Sec. 24 2N 7E	McClosky	3102'	17	G.L. 445'
John D. Gordon	Gill #1	390'N 330'W SEc NE NE Sec. 25 2N 7E	Aux Vases	2935'	15	G.L. 432'
Shakespeare Oil Co., Inc.	Obrecht Unit #4	330'N 330'E SWc NW SW Sec. 22 2N 8E	Salem	3608'	21	G.L. 451'
Midwest Oil Producers	Williams #1	330'N 660'W SEc Sec. 25 2N 8E	McClosky	3114'	74	G.L. 409'
Midwest Oil Producers	Williams #2	330'S 330'W NEc SE SE Sec. 25 2N 8E	McClosky	3105'	50	G.L. 407'
Midwest Oil Producers	Williams #3	990'S 330'E NWc NE SE Sec. 25 2N 8E	Rosiclare	3126'	115	G.L. 416'
Henry Rosenthal & Co., Inc.	Shannon #1-B	330'N 330'W SEc SW SE Sec. 26 2N 8E	McClosky	3107'	10	G.L. 441'
John B. Murvin	Jacob Barth #1	330'N 330'W SEc NW SW Sec. 32 2N 8E	Aux Vases	3126'	15	D.F. 406'
John B. Murvin	Barth Heirs #1	330'S 330'W NEc SW SW Sec. 32 2N 8E	McClosky	3103'	50	G.L. 405'
Midwest Oil Producers	Brissenden #1	330'S 330'W NEc SW Sec. 32 2N 8E	McClosky	3115'	48	G.L. 430'
Midwest Oil Producers	Brissenden #2	330'N 330'W SEc NE SW Sec. 32 2N 8E	Aux Vases	3000'	35	G.L. 429'
Union Oil Co. of California	ZIF Cons.: Victor Behymer #3	70'N 50'E SWc SE NE Sec. 33 2N 8E	McClosky	3106'	23	G.L. 454'
Union Oil Co. of California	ZIF Cons.: Amelia Padgett #2	50'N 400'E SWc NW SW Sec. 34 2N 8E	Aux Vases	3006'	14	G.L. 467'
Republic Oil Co.	Wheat #2	330'S 330'E NWc SE SW Sec. 34 2N 8E	O'Hara	3111'	65	G.L. 454'
Republic Oil Co.	Wheat #3	330'N 330'E SWc NE SW Sec. 34 2N 8E	McClosky	3137'	65	G.L. 454'
Republic Oil Co.	Wilkin Comm. #1	990'S 330'E NWc NE NE Sec. 35 2N 8E	Rosiclare	3148'	48	G.L. 441'
John B. Murvin	Wyatt Comm. #1	330'N 330'W SEc SW Sec. 24 2N 9E	McClosky	3250'	15	G.L. 396'

PRODUCING WELLS (Completed in 1970)—Concluded

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily	Elev.
John B. Murvin	Jones #1	990′N 330′E SWc NE NW Sec. 25 2N 9E	McClosky	3255′	60	G.L. 395′
National Assoc. Petroleum Co.	Glen Dale Byars #3	330′N 330′W SEc NE SW Sec. 19 1S 5E	St. Louis	3067′	7	G.L. 483′
National Assoc. Petroleum Co.	Garrison #3-"A"	660′N 330′W SEc NW Sec. 19 1S 5E	Aux Vases	3089′	50	G.L. 495′
Texaco, Inc.	W. Jones #4 (Tract 5)	330′S 330′E NWc NE SW Sec. 9 1S 6E	Aux Vases	3190′	3	G.L. 457′
Texaco, Inc.	L. Gregg #4 (Tract 8)	100′E NWc SW NE Sec. 28 1S 6E	Aux Vases	3231′	80	G.L. 453′
Chris Pearson	Richards #1	330′S 429′W NEc SE Sec. 29 1S 6E	McClosky	3257′	2	G.L. 435′
Republic Oil Co.	Burton #4	330′S 330′E NWc SW NW Sec. 4 1S 7E	Aux Vases	3230′	38	G.L. 473′
Shulman Brothers	Crippen #7	96′S 500′E NWc SE NW Sec. 4 1S 7E	Aux Vases	3113′	40	G.L. 459′
Shulman Brothers	Hawk #2	564′N 372′E SWc NE NW Sec. 4 1S 7E	Aux Vases	3108′	10	G.L. 458′
Republic Oil Co.	D. Porter #1	330′S 330′W NEc SE NE Sec. 5 1S 7E	O'Hara	3251′	55	G.L. 477′
Republic Oil Co.	Scarbrough #2	330′N 330′E SWc SE NW Sec. 8 1S 7E	O'Hara	3307′	40	G.L. 488′
Robinson Production, Inc.	H. Berg #2	330′S 330′W NEc SW Sec. 6 1S 8E	Aux Vases	3070′	2	G.L. 433′
Robinson Production, Inc.	Murphy #1	330′N 330′E SWc NE Frac. Sec. 6 1S 8E	Aux Vases	3180′	30	G.L. 435′
Robinson Production, Inc.	Murphy #A-1	330′S 330′E NWc NE SE Sec. 6 1S 8E	Aux Vases	3090′	10	G.L. 417′
Robinson Production, Inc.	Murphy #2	330′S 660′E NWc SE Sec. 6 1S 8E	Aux Vases	3160′	20	G.L. 423′
Ivan R. Jones	Osterman #1	330′N 330′E SWc Sec. 27 1S 8E	Aux Vases	3184′	10	D.F. 512′
H. H. Weinert Estate	Perwyn Morlan Trust Etal #2	775′S 660′W NEc SW SE Sec. 28 2S 7E	Osage	4201′	528	G.L. 381′
Jenkins Brothers	Naomi L. Podolsky #1	330′N 330′E SWc NE SE Sec. 28 2S 7E	Salem	4200′	5	G.L. 381′
M. V. Ring	C. Simpson #1	330′N 330′E SWc SE NW Sec. 8 2S 8E	McClosky	3320′	55	G.L. 438′
Lee-Mar Oil Co., Inc.	T. A. Sanders #1	330′S 330′E NWc SE SW Sec. 20 2S 8E	McClosky	3330′	64	G.L. 424′
Ram Oil Corp.	Eunice Fisher Etal #1	330′S 330′E NWc NE SE Sec. 27 2S 9E	O'Hara	3424′	50	G.L. 402′
WHITE COUNTY						
W. C. McBride Inc.	Arnold (Hon) #5	405′N 500′W SEc SW NE Sec. 6 4S 14W	Aux Vases	2931′	240	G.L. 442′
Petroleum International Corp.	Gentry-Lowry #5	330′N 330′W SEc SW SE Sec. 13 6S 8E	Cypress	2722′	85	G.L. 451′
Petroleum International Corp.	Gentry-Lowry #6	990′N 330′W SEc SW SE Sec. 13 6S 8E	Cypress	3142′	25	G.L. 445′
Petroleum International Inc.	Gentry-Lowry #7	330′S 380′E NWc SW SE Sec. 13 6S 8E	Cypress	2780′	50	G.L. 452′
C & E Oil Co.	Lealand Austin #1	330′N 990′E SWc NW NE Sec. 27 6S 8E	St. Louis	3479′	1	G.L. 433′
Marion Corp.	E. Armstrong #8	330′S 330′W NEc SW NE Sec. 1 6S 9E	Waltersburg	2404′	89	G.L. 430′
Jim Haley d/b/a Jim Haley Production Co.	Holl-Myers #2	330′S 330′E NWc SE NE Sec. 1 6S 9E	Waltersburg	2372′	20	G.L. 418.5′
Union Oil Co., of California	Walnut Grove Unit: W. M. Martin #4	387′S 437′E NWc SE NE Sec. 18 6S 9E	Aux Vases	3120′	12	G.L. 379′
Union Oil Co. of California	Walnut Grove Unit: Ora Phillips #4	330′S 130′E NWc NE NE Sec. 19 6S 9E	Paint Creek	2850′	105	G.L. 401′
Dennis P. Paine	James Phillips #1	330′N 330′E SWc NE NW Sec. 22 6S 9E	Penn.	1954′	28	G.L. 358′
Dennis P. Paine	Minta Trainor #6-A	305′S 330′E NWc NE SW Sec. 23 6S 9E	Tar Springs	2258′	14	G.L. 355′
WILLIAMSON COUNTY						
Bufay Oil Co.	Madison #5	330′S 330′E NWc SW Sec. 3 8S 3E	Aux Vases	2880′	150	D.F. 437′
Bufay Oil Co.	Madison #7	350′N 450′W SEc NE Sec. 4 8S 3E	Aux Vases	2893′	40	K.B. 431′
Bufay Oil Co.	Madison #8	330′S 330′W NEc NW SW Sec. 3 8S 3E	Aux Vases	2889′	102	G.L. 436′
Jack W. Stroud	Madison Coal Co. #1	330′N 330′E SWc NE Sec. 23 8S 3E	Aux Vases	2745′	5	G.L. 510′
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	Gent #1	333′N 330′E SWc NW SE Sec. 33 8S 4E	Hardinsburg	2132′	Gas	G.L. 556′

STATE OF ILLINOIS

DEPARTMENT OF MINES AND MINERALS

SPRINGFIELD, ILLINOIS

In the matter of the application of Charles W. Armantrout to establish drilling units for drilling of wells for gas production underlying lands in the W ½ of Section 1, E ½ of Section 3, E ½ of Section 10, W ½ of Section 12, W ½ of Section 13, E ½ of Section 15, W ½ of Section 24, W ½ of Section 25, W ½ of Section 36, and all of Sections 2, 11, 14, 22, 23, 26, 27, 34, 35, all in Township 12 North, Range 7 East; and also, W ½ of Section 1, and all of Sections 2, 3, 10, 11, all in Township 11 North, Range 7 East, all in Coles County, Illinois, excepting from the above described lands all that part thereof which lies inside the limits of the City of Mattoon.	AMENDED HEARING ORDER NO. 212

This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, on the 10th day of November, 1970, at 10:30 A. M. (C.S.T.).

Present at the hearing for the State Mining Board were Mr. George Lane, Petroleum Engineer, and Mr. Rex Brown, Hearing Officer. Also present were Mr. Charles Armantrout, Applicant and on behalf of the applicant, Mr. James R. Covington and Mr. Roy B. Dannenberg; Ken Degler on behalf of Degler Brothers, objectors, Dell Carroll, Elton M. Botts, and R. H. Rector on behalf of C.I.P.S. Company.

The Mining Board having considered the oral testimony and the exhibit introduced in said cause and being fully advised in the matter finds:

That the application of Charles W. Armantrout to establish drilling units consisting of *80* acres for Devonian limestone gas wells to be drilled in the W ½ of Section 1, E ½ of Section 3, E ½ of Section 10, W ½ of Section 12, W ½ of Section 13, E ½ of Section 15, W ½ of Section 24, W ½ of Section 25, W ½ of Section 36 and all of Sections 2, 11, 14, 22, 23, 26, 27, 34, 35, all in Township 12 North, Range 7 East; and also, W ½ of Section 1, and all of Sections 2, 3, 10, 11, all in Township 11 North, Range 7 East, all in Coles County, Illinois, excepting from the above described lands all that part thereof which lies inside the limits of the City of Mattoon, should be granted.

IT IS THEREFORE ORDERED that the application of Charles W. Armantrout to establish drilling units for drilling of wells for gas production underlying lands in the W ½ of Section 1, E ½ of Section 3, E ½ of Section 10, W ½ of Section 12, W ½ of Section 13, E ½ of Section 15, W ½ of Section 24, W ½ of Section 25, W ½ of Section 36, and all of Sections 2, 11, 14, 22, 23, 26, 27, 34, 35, all in Township 12 North, Range 7 East; and also, W ½ of Section 1, and all of Sections 2, 3, 10, 11, all in Township 11 North, Range 7 East, all in Coles County, Illinois, excepting from the above described lands all that part thereof which lies inside the limits of the City of Mattoon, is hereby granted.

DATED at Springfield, Sangamon County, Illinois, this 9th day of December, 1970, A.D.

BY ORDER OF THE STATE MINING BOARD

DAVID L. GULLEY, *Executive Officer*

STATE OF ILLINOIS

DEPARTMENT OF MINES AND MINERALS

OIL AND GAS DIVISION

SPRINGFIELD, ILLINOIS

In the matter of application of Helm Oil Company for an integration order to establish drilling units and to authorize the drilling of wells to be known as Coe Community #1 and Coe Community #2, and in the matter of the application of John Carey Oil Company for an integration order to establish drilling units and to authorize the drilling of wells to be known as Poffenberger Community #1, Simpson Community #2, Simpson Community #3.	HEARING ORDER NO. 211

This cause came on for hearing before the State Mining Board in the State Office Building at Springfield, Illinois, on the 5th day of

August, 1970, at 10:00 A.M., proof of service of notice to all interested parties was presented. Present for hearing for the State Mining Board were Hearing Officer, Rex L. Brown; and Petroleum Engineer, George Lane. Appearing for Helm Oil Company were Harold L. Mansfield and Clarence Coe and Renolla Coe. Appearing for John Carey Oil Company were John Kratchik and attorney John H. Harden and the Mining Board having considered the oral testimony of witnesses duly sworn and examined and exhibits introduced in said cause and being fully advised in the matter of the application of Helm Oil Company for an integration order to establish drilling units consisting of 20 acres and described as follows:

> North half of the Southwest Quarter of the Southwest Quarter to authorize the drilling of a well to be known as the *Coe Community #1* located:
>
> > 990 feet North and 990 feet East of the Southwest corner of Section 14 - 15N - 4W in Sangamon County, Illinois.
>
> North half of the Southeast quarter of the Southwest quarter to authorize the drilling of a well to be known as the *Coe Community #2* located:
>
> > 990 feet North and 330 feet East of the Southwest corner of the Southeast quarter of the Southwest quarter of Section 14 15 N - 4W in Sangamon County, Illinois.

and in the matter of the application of John Carey Oil Company for an integration order to establish drilling units consisting of 20 acres and described as follows:

> East half of the Southeast quarter of the Southwest quarter to authorize the drilling of a well to be known as the *Poffenberger Community #1* located:
>
> > 330 feet North and 330 feet West of the Southeast corner of the Southeast quarter of the Southwest quarter of Section 14 15N - 4W in Sangamon County, Illinois.
>
> East half of the Southwest quarter of the Southwest quarter to authorize the drilling of a well to be known as the *Simpson Community #1* located:
>
> > 990 feet North or (975 feet North) and 990 feet East of the Southwest corner of Section 14 15N 4W in Sangamon County, Illinois.
>
> West half of the Southwest quarter of the Southwest quarter to authorize the drilling of a well to be known as the *Simpson Community #2* located:
>
> > 330 feet North and 330 feet East of the Southwest corner of Section 14 - 15N - 4W in Sangamon County, Illinois.

West half of the Southeast quarter of the Southwest quarter to authorize the drilling of a well to be known as the *Simpson Community #3* located:

> 990 feet North and 330 feet East of the Southwest corner of the Southeast Quarter of the Southwest quarter of Section 14 15 N - 4W in Sangamon County, Illinois.

finds:

1. That in the interest of conservation and in protection of the correlative rights of those interested in the development of the pool, that the applications of Helm Oil Company should be granted and that the applications of John Carey Oil Company should be denied.

2. That the parties involved should integrate their interest in the development of their lands.

IT IS THEREFORE ORDERED that a drilling unit consisting of 20 acres and described as the North half of the Southwest quarter of the Southwest quarter of Section 14, Township 15 North, Range 4 West in Sangamon County, Illinois,.is established and the Helm Oil Company is authorized to drill a well on said drilling unit to be known as Coe Community #1 and to be located 990 feet North and 990 feet East of the Southwest corner of Section 14, Township 15 North, Range 4 West in Sangamon County, Illinois, and that the Helm Oil Company shall drill said well and that John Carey Oil Company shall participate in the drilling unit described above to the extent of 50% of the 7/8ths working interest and that Elmer B. Simpson and Geraldine Simpson shall participate in the drilling unit described above to the extent of 50% of the 1/8th royalty interest and that Clarence Coe and Renolla Coe shall participate in the drilling unit described above to the extent of 50% of the 1/8th royalty interest. The participation factor shall be in accordance with Section 22.2 (d) of "Acts in relation to oil, gas, coal and other under surface or underground resources." being a part of Chapter 104 of the Illinois Revised Statutes. This participation factor is determined to be:

1. 50% of the costs and expenses of all surface equipment and 50% of the costs of operating the well concerned with first production to be borne by Helm Oil Company and by John Carey Oil Company.

2. 75% of actual costs and expenses of drilling, testing and completing the well to be borne by John Carey Oil Company, 25% of actual costs of drilling, testing and completing said well to be borne by Helm Oil Company.

IT IS FURTHER ORDERED that a drilling unit consisting of 20 acres and described as North half of the Southeast quarter of the Southwest quarter of Section 14, Township 15 North, Range 4 West in Sangamon County, Illinois, is established and that Helm Oil Company is authorized to drill a well on said drilling unit to be known as Coe Community #2 and to be located 990 feet North and 330 feet East of the Southwest corner of the Southeast quarter of the Southwest quarter of Section 14, Township 15 North, Range 4 West in Sangamon County, Illinois, and that the Helm Oil Company shall drill said well and that John Carey Oil Company shall participate in the drilling unit described above to the extent of 50% of the 7/8ths working interest and that Clarence Coe and Renolla Coe shall participate in the drilling unit described above to the extent of 50% of the 1/8th royalty interest and that Frederick M. Poffenberger and Helen D. Poffenberger shall participate in the drilling unit described above to the extent of 50% of the 1/8th royalty interest. The participation factor shall be in accordance with Section 22.2 (d) of "Acts in relation to oil, gas, coal and other under surface or underground resources." being a part of Chapter 104 of the Illinois Revised Statutes. This participation factor is determined to be:

1. 50% of the costs and expenses of all surface equipment and 50% of the costs of operating the well concerned with first production to be borne by Helm Oil Company and by John Carey Oil Company.

2. 75% of actual costs and expenses of drilling, testing and completing the well to be borne by John Carey Oil Company, 25% of actual costs of drilling, testing and completing said well to be borne by Helm Oil Company.

IT IS FURTHER ORDERED that the applications of John Carey Oil Company are denied.

DATED at Springfield, Illinois, in Sangamon County, this 24th day of September, 1970, by order of the State Mining Board.

DAVID L. GULLEY, *Executive Officer*

STATE OF ILLINOIS

DEPARTMENT OF MINES AND MINERALS

SPRINGFIELD, ILLINOIS

In the matter of the application of Ernest Sherman to drill a well designated as the *Wasser-Hazenfield Communitized #1* to be located: 330 feet South and 330 feet East of the Northwest corner of the Southwest quarter of the Southwest quarter of Section 28 Township 7 North, Range 2 East, Fayette County, Ill.	HEARING ORDER NO. 210

This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, at 10:00 A.M. (D.S.T.) on Wednesday, the 15th day of July, A. D., 1970, pursuant to the Notice of Hearing, duly given upon the application above captioned.

Present at the hearing for the State Mining Board were Mr. George Lane, Petroleum Engineer, and Mr. Rex Brown, Hearing Officer. Also present were Ernest Sherman, applicant, and Craig and Craig, Attorneys at Law, on behalf of the Objector, Carter Oil Company.

The State Mining Board having heard the oral testimony of witnesses sworn and examined, having heard the arguments of counsel, having considered applicant's exhibits and being fully advised in the premises, on consideration finds:

That the application of Mr. Ernest Sherman to drill the *Wasser-Hazenfield Communitized #1* well located:

> 330 feet South and 330 feet East of the Northwest corner of the Southwest quarter of the Southwest quarter of Section 28, Township 7 North, Range 2 East, Fayette County, Illinois,

should be granted.

IT IS THEREFORE ORDERED that the application of Mr. Ernest Sherman to drill the *Wasser-Hazenfield Communitized #1* well located:

> 330 feet South and 330 feet East of the Northwest corner of the Southwest quarter of the Southwest quarter of Section 28, Township 7 North, Range 2 East, Fayette County, Illinois,

is approved and the permit is hereby granted.

DATED at Springfield, Sangamon County, Illinois, this 5th day of August, A.D., 1970.

BY ORDER OF THE STATE MINING BOARD

DAVID L. GULLEY, *Executive Officer*

STATE OF ILLINOIS

DEPARTMENT OF MINES AND MINERALS

SPRINGFIELD, ILLINOIS

In the Matter of: An application for a drilling unit consisting of 10-acres in Randolph County, Illinois, and to authorize the drilling of the *Clyde Stephens #1* well at the following location: 330 feet south and 330 feet west of the northeast corner of the southeast quarter of the southeast quarter of Section 26, Township 5 south, Range 7 west, Randolph County, Illinois.	AMENDED MINING BOARD HEARING NO. 209

This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, on the 14th day of April, 1970. Present for the hearing for the State Mining Board were Mr. George Lane, Petroleum Engineer, Oil and Gas Division, and Mr. Rex Brown, Hearing Officer; present were Mrs. Paulette Ledbetter, applicant, and Mr. Ledbetter. No appearance was made on behalf of an objector.

The Mining Board having considered the oral testimony and the exhibits introduced in said cause and being fully advised in the matter of an application for a ten-acre drilling unit consisting of the Northeast Southeast Southeast, Section 26, Township 5 south, Range 7 west, Randolph County, Illinois, finds that the application for a permit filed by Mrs. Paulette Ledbetter to drill a well for oil known as the *Clyde Stephens #1* to be located:

> 330 feet south and 330 feet west of the northeast corner of the southeast quarter of the southeast quarter of Section 26, Township 5 south, Range 7 west, of Randolph County, Illinois,

to the Benoist Formation, is in order and that pursuant to Section 83.b, Chapter 104, Illinois Revised Statutes 1967, the parties involved shall integrate their interests and develop their lands as a drilling unit for the *Clyde Stephens #1* which will be known hereafter as the *Clyde Stephens Community #1* at the following location:

> 330 feet south and 330 feet west of the northeast corner of the southeast quarter of the southeast quarter of Section 26, Township 5 south, Range 7 west, of Randolph County, Illinois.

The northeast quarter of the southeast quarter of the southeast quarter of Section 26, Township 5 south, Range 7 west, Randolph County, Illinois, is designated as the drilling unit.

IT IS THEREFORE ORDERED THAT a permit shall be granted to Mrs. Paulette Ledbetter for the drilling of an oil well to be known as the *Clyde Stephens Community #1* at the following location:

> 330 feet south and 330 feet west of the northeast corner of the southeast quarter of the southeast quarter of Section 26, Township 5 south, Range 7 west, of Randolph County, Illinois,

and that the parties involved shall integrate their interests and develop their lands as the aforesaid drilling unit.

IT IS FURTHER ORDERED THAT the objector, Mr. Eugene Walter shall participate in the drilling unit described above to the extent of 2.714 of the 7/8th working interest, and *2.174* of the 1/8th royalty interest; and Mr. Donald E. Walter shall participate in the drilling unit described above to the extent of *0.161* of the 7/8th working interest, and 0.161 of the 1/8th royalty interest. This participation factor shall be in accordance with Section 22.2 (d) of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources and Rules and Regulations".

DATED at Springfield, Sangamon County, Illinois, this 15th day of May A.D. 1970.

BY ORDER OF THE STATE MINING BOARD:

DAVID. L. Gulley, *Executive Officer*

STATE OF ILLINOIS

DEPARTMENT OF MINES AND MINERALS

SPRINGFIELD, ILLINOIS

In the matter of an application for permit by Centurian Oil Inc. to convert to salt water disposal the *Chas. Chandler Heirs #1* well, located in Sangamon County, Illinois.	HEARING ORDER NO. 208

This cause came on for hearing before the State Mining Board in the State Office Building in Springfield, Illinois on the 21st day of January, 1970, at 10:00 A.M. (CST).

Present for the hearing for the State Mining Board were Hearing Officer, Rex Brown, and Petroleum Engineer, George Lane. Appearing for the Applicant were E. D. McKay, Petroleum Geologist; John P. Potsch, Geologist; W. A. Warren of Aladdin Oil Development Company, and J. W. Miloncus of M. & M. Oil Company; on behalf of Objectors were Attorney John H. Hardin, as attorney for John Carey Oil Company, Inc. and Midland Oil Development Company; Hiram C. Hughes, Geologist; John Krachik for the John Carey Oil Company, Inc. and Albert Birdsell for the Midland Oil Development Company.

The Mining Board having considered the oral testimony submitted in said cause by witnesses duly sworn and examined and having examined the exhibits introduced in said cause and having been fully advised in the matter finds:

That the application filed herein by Centurian Oil, Inc. for a permit to convert to salt water disposal the following described well:

> The Chas. Chandler Heirs #1 well located 330 feet South and 330 feet East of the Northwest corner of the Southwest quarter of Section 11, Township 15 North, Range 4 West in Sangamon County, Illinois,

shall be granted.

IT IS THEREFORE ORDERED that the application of Centurian Oil, Inc. to convert the above described well to salt water disposal is approved and a permit is granted.

DATED at Springfield, Sangamon County, Illinois, this 13th day of March A.D. 1970.

BY ORDER OF THE STATE MINING BOARD:

DAVID. L. GULLY, *Executive Officer*

STATE OF ILLINOIS

DEPARTMENT OF MINES AND MINERALS

SPRINGFIELD, ILLINOIS

In the matter of an application filed by Curtis Companies to drill as a combination oil production and salt water disposal well the *R. Fox Heirs Comm. No. 1* to be located: 356 feet south and 425 feet west of the northeast corner of the northeast quarter of the southeast quarter of the northwest quarter of Section 9, Township 3 North, Range 12 West, Lawrence County, Illinois.	MINING BOARD HEARING NO. 207

This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, on the 3rd day of February 1970. Present at the Hearing for the State Mining Board were Mr. Rex Brown, Hearing Officer, and Mr. George Lane, Technical Advisor. Mr. Don Curtis represented Curtis Companies, applicant. The objector, Paul G. Williams did not appear.

The Mining Board having considered the oral testimony and the exhibits introduced in said cause and being fully advised in the matter of an application for a ten-acre drilling unit consisting of the NE SE NW, Section 9, Township 3N, Range 12W, Lawrence County, Illinois, finds:

That the application for a permit filed by Curtis Companies to drill a well in this unit as a combination oil production and salt water disposal well to be known as the *R. Fox Heirs Comm. No. 1* to be located:

> 356 feet south and 425 feet west of the northeast corner of the northeast quarter of the southeast quarter of the northwest quarter of Section 9, Township 3 North, Range 12 West, Lawrence County, Illinois,

to the Benoist Formation, is in order and that pursuant to Section 83.b, Chapter 104, Illinois Revised Statutes, 1967, the parties involved shall integrate their interests and develop their lands as a drilling unit for the *R. Fox Heirs Comm. No. 1* located:

> 356 feet south and 425 feet west of the northeast corner of the northeast quarter of the southeast quarter of the northwest quarter of Section 9, Township 3 North, Range 12 West, Lawrence County, Illinois.

The northeast quarter of the southeast quarter of the northwest quarter of Section 9, Township 3 North, Range 12 West, Lawrence County, Illinois, is designated as the drilling unit.

IT IS THEREFORE ORDERED, that a permit shall be granted to Curtis Companies for the drilling of a combination oil production and salt water disposal well to be known as the *R. Fox Heirs Comm. No. 1* to be located:

> 356 feet south and 425 feet west of the northeast corner of the northeast quarter of the southeast quarter of the northwest quarter of Section 9, Township 3 North, Range 12 West, Lawrence County, Illinois,

and that the parties involved shall integrate their interests and develop their lands as the aforesaid drilling unit.

IT IS FURTHER ORDERED that the Objector, Paul G. Williams, Bridgeport, Illinois, shall participate in the drilling unit described above to the extent of 0.13223 of the 7/8ths working interest, and 0.13223 of the 1/8th royalty interest. This participation factor shall be in accordance with 22.2 (d) of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources and Rules and Regulations".

DATED at Springfield, Sangamon County, Illinois, this 18th day of February A.D. 1970.

BY ORDER OF THE STATE MINING BOARD:

DAVID L. GULLEY, *Executive Officer*

ILLINOIS
Land of Lincoln